

R410A



Commercial AirConditioners

Service Manual

CHV Mini **Series**



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Part 1

General Information

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1. Indoor and Outdoor Unit Capacities

1.1 Indoor Units

Table 1-1.1: Standard indoor unit abbreviation codes

Abbreviation code	Type
Q1	One-way Cassette
Q2	Two-way Cassette
Q4	Compact four-way Cassette
QR	Round-flow Cassette
FA	Floor Standing

Abbreviation code	Type
G	Wall-mounted
UA	Floor & Ceiling
TA	Low ESP Short Ducted
TB	Medium ESP Ducted
TH	High ESP Ducted

Table 1-1.2: Standard indoor unit capacity range

Capacity	Capacity index	Q1	Q2	Q4	QR	FA	G	UA	TA	TB	TH
kW											
2.2	22	22	—	22	—	—	22	—	22	—	—
2.8	28	28	—	28	—	—	28	—	28	—	—
3.6	36	36	—	36	—	—	36	36	36	—	—
4.5	45	45	45	45	—	—	45	45	45	—	—
5.6	56	56	56	—	56	—	56	56	56	—	—
7.1	71	71	71	—	71	—	71	71	71	71	71
8.0	80	—	80	—	80	80	—	80	—	80	80
9.0	90	—	—	—	90	—	—	90	—	90	90
10.0	100	—	—	—	100	100	—	—	—	100	100
11.2	112	—	—	—	112	—	—	112	—	—	—
12.0	120	—	—	—	—	—	—	—	—	120	120
12.5	125	—	—	—	125	—	—	—	—	—	—
14.0	140	—	—	—	140	140	—	140	—	—	—
15.0	150	—	—	—	—	—	—	—	—	150	150
16.0	160	—	—	—	160	160	—	160	—	—	—

1.2 Outdoor Units

Table 1-1.3: Outdoor unit capacity range

Capacity	8kW	10kW	12.5kW	14kW	16kW
Model (1PH)	CHV-DH080W/R1	CHV-DH100W/R1	CHV-DH125W/R1	CHV-DH140W/R1	CHV-DH160W/R1

Capacity	12.5kW	14kW	16kW
Model (3PH)	GCHV-D125W/HZR1-D01	GCHV-D140W/HZR1-F01	GCHV-D160W/HZR1-F01

2. External Appearance

2.1 Indoor Units

Table 1-2.1: Standard indoor unit appearance

One-way Cassette Q1 	Two-way Cassette Q2 
Compact Four-way Cassette Q4 	Round-flow Cassette QR 
Floor Standing FA 	Wall-mounted G 
Floor & Ceiling UA 	Low ESP Short Ducted TA 
Medium ESP Ducted TB 	High ESP Ducted TH 

2.2 Outdoor Units

Table 1-2.2: Outdoor unit appearance

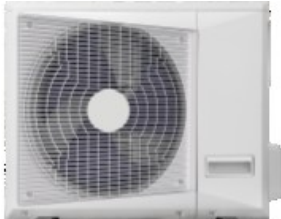
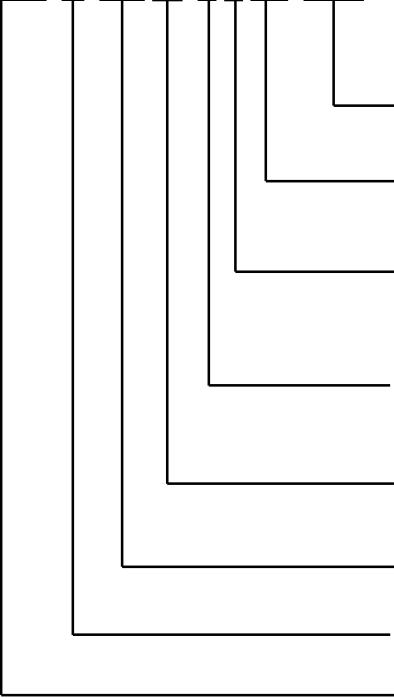
8kW	10/12.5kW	12.5/14/16kW
		

Table 1-2.3: Outdoor unit specification

Model name	Net dimension(mm)	Net/Gross weight (kg)	Power supply
CHV-DH080W/R1	Width:935 Height:702 Depth:383	47/50	220~240V/1N/50Hz
CHV-DH100W/R1	Width:1032 Height:810 Depth:445	60/65	220~240V/1N/50Hz
CHV-DH125W/R1	Width:1100 Height:870 Depth:528	85/95	220~240V/1N/50Hz
CHV-DH140W/R1	Width:1100 Height:870 Depth:528	90/100	220~240V/1N/50Hz
CHV-DH160W/R1	Width:1100 Height:870 Depth:528	90/100	220~240V/1N/50Hz
GCHV-D125W/HZR1-D01	Width:1032 Height:810 Depth:445	67.4/72.2	380~415V/3N/50Hz
GCHV-D140W/HZR1-F01	Width:1100 Height:870 Depth:528	87.5/97.4	380~415V/3N/50Hz
GCHV-D160W/HZR1-F01	Width:1100 Height:870 Depth:528	90/100	380~415V/3N/50Hz

3. Nomenclature

GCHV-D125W/HZR1-D01



- Box code
- Refrigerant Type
R1: R410A
- Power Supply
-- 220~240V, 50Hz, 1Ph
Z 380~415V, 50Hz, 3Ph
- Function code
H: Heat pump; C: Cooling only
- Outdoor Unit
- Cooling Capacity (× 100W)
- All DC Inverter
- GCHV

4. Combination Ratio

Combination ratio =

Sum of capacity indexes of the indoor units

Capacity index of the outdoor units

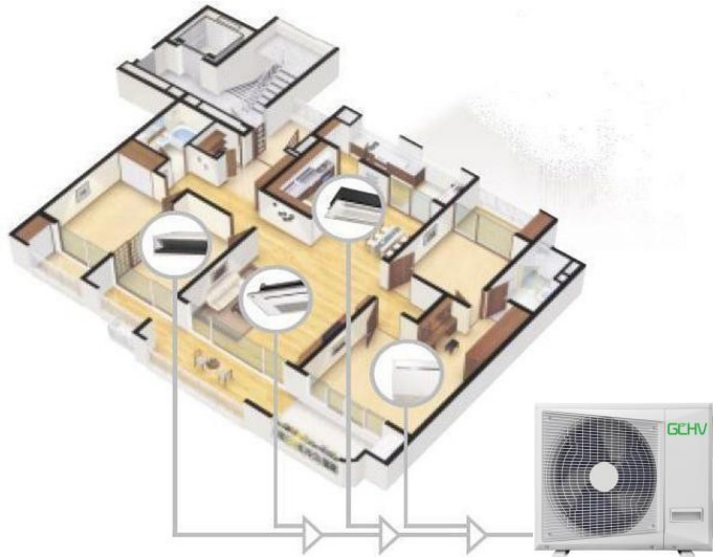
Table 1-4.1: Indoor and outdoor unit combination ratio limitations

Type	Minimum combination ratio	Maximum combination ratio (Standard indoor units)
CHV Mini Series outdoor units	50%	130%

5. Features

5.1 Wide application

The All DC Inverter Mini VRF system is a highly efficient solution for small commercial buildings requiring heating and cooling of up to 9 zones with one outdoor unit. Such as villa, restaurant, school etc.

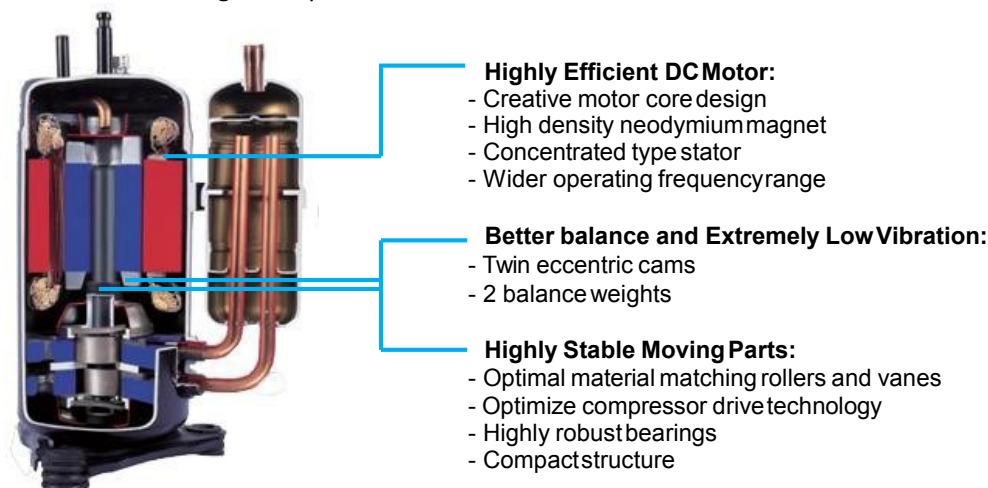


GCHV offers various indoor units, more than 100 models of 10 types. Capacity ranges are from 2.2kW to 16kW. It is all compliance with residential and light commercial place. Our systems can be operated up to 130% of capacity which allows any system to be designed to the customers' and applications' needs.



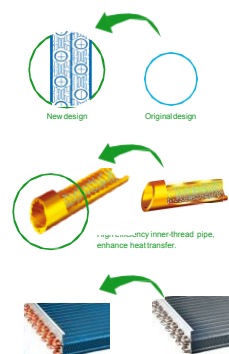
5.2 High efficient DC inverter compressor

All DC inverter Mini VRF adopts highly intelligent inverter-driven compressor. This advanced technology enables the output of the outdoor unit to be modulated by the real heat load demands. This advanced system ensures precise temperature regulation and highly efficient energy usage, making a significant contribution to the limiting the impact on the environment.



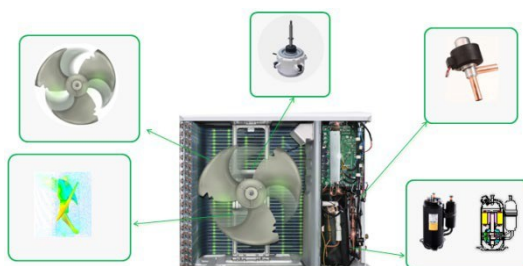
5.3 High performance heat exchanger

The new designed window fins enlarge the heat-exchanging area, which decrease the air resistance, save more power and enhance heat exchange performance. Hydrophilic film fins and inner-grooved copper pipes optimize heat exchange efficiency.



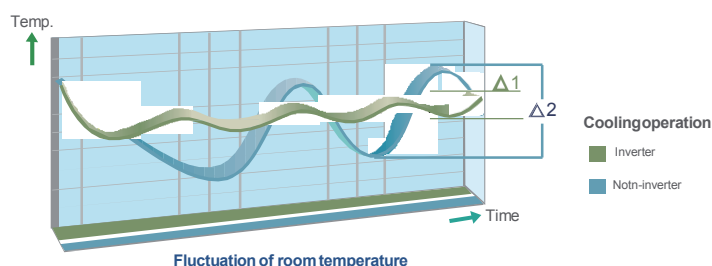
5.4 Low-operating sound design

Optimally design fan shape and new designed discharge air grille and air deflector, auxiliary with DC fan motor and world-famous compressor, making higher air volume and lower operation sound.



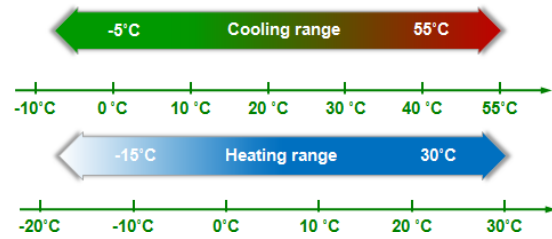
5.5 Quick warm-up & cool-down design and less temperature fluctuation

Utilizing the inverter compressor benefits, the system can reach All load quickly and shorten warm-up or cool-down time for an immediate comfortable air solution. Less temperature fluctuation will create a better living environment.



5.6 Wide operation temperature range

No matter in extremely cold winter when outdoor temperature gets as low as -15°C or in hot summer when temperature is up to 55°C, the Mini VRF system will keep stable performance.



5.7 Flexible piping design

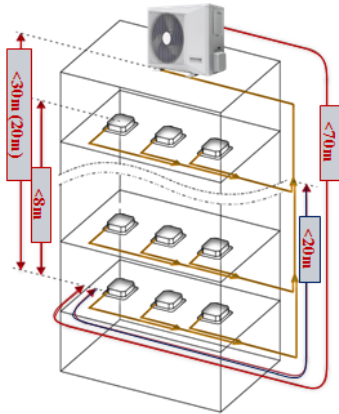


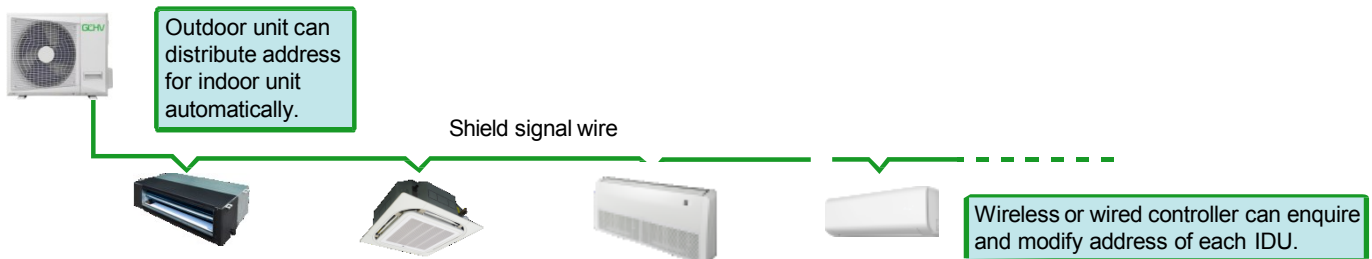
Table 1-5.1: Piping parameters

Piping Length		Permitted Value
Total pipe length		100m
Longest pipe length	Actual	60m
	Equivalent	70m
The first distributor to the last IDU		20m
Height difference between IDU~ODU	ODU above	30m
	ODU below	20m
Height difference between IDU~IDU		8m

5.8 Auto address setting function

The addresses of indoor units can be set automatically by outdoor unit. It has capability to reduce artificial faults and manual works.

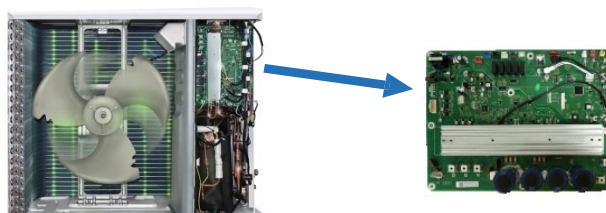
Wireless or wired controller can enquire and modify the address of each indoor unit.



5.9 Smart electronic control design

The radiation fin is made of aluminum panels fitting together seamlessly. This helps to cool down the IPM, it has better performance compared to air cooling for PCB.

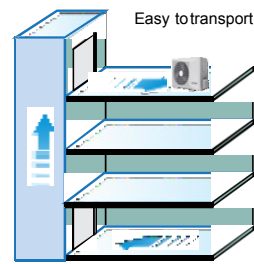
With PFC(Power Factor Corrector) module, the power utilization rate is increased, the power factor is capable to be 98%, lead to higher efficiency.



5.10 Easy installation

The Mini VRF can be transported by elevator which makes installation dramatically easy, and effectively reduces time and labor thanks to the small size.

The Mini VRF units are more compact, resulting in significant savings in installation space. It is particularly suitable for small offices, villas, shops, etc.



5.11 Easy maintenance

Forced cooling button makes outdoor unit run in cooling mode at any condition, so it is very easy for you to charge refrigerant to the system when it needs to be done. The self-diagnosis function detects malfunctions in major locations in the system and displays the type of malfunction and location. This allows service and maintenance to be performed more efficiently.



Part 2

Outdoor Units

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Part 2 - Outdoor Units

1. Specifications

Model name			CHV-DH080W/R1	CHV-DH100W/R1
			CHV-DH080W/NR1	CHV-DH100W/NR1
Power supply			220~240V/1N/50Hz	220~240V/1N/50Hz
			220~240V/1N/60Hz	220~240V/1N/60Hz
Condition			T1	T3
Performance data				
Cooling	Capacity	HP	3	3.6
		kW	8	7.2
		Btu/h	27300	24570
		RT	2.27	2.04
	Power input	kW	2.60	2.81
	Rated current	A	11.8	14.2
Heating	Capacity	W/W	3.08	2.56
		kW	9	11
		Btu/h	30700	37500
		RT	2.56	3.13
	Power input	kW	2.65	3.10
	Rated current	A	12.0	14.0
COP		W/W	3.40	3.55
Max. input consumption		kW	3.96	4.40
Max. current		A	18	20
Capacity adjustment range			50%~130%	50%~130%
Max. connected indoor unit quantity			4	5
Compressor data				
DC Inverter compressor	Quantity		1	1
	Type		Twin-rotary Compressor	Twin-rotary Compressor
	Brand		Mitsubishi	GMCC
	Model		SNB200FGMMC	ATM240D57UMT
	frequency range	Hz	10~120	10~120
Compressor oil	Crankcase heater	W	25	35
	Model		FV50S	VG74
	Original oil volume	ml	400	670
Fan data				
Fan motor	Type		DC	DC
	Brand		Yongan	Yongan
	Model		DRN-310-75-8	DRN-310-90-8
	Quantity		1	1
	Insulation class		B	B
	Protection class		IPX4	IPX4
Fan blade	Power output	W	75	90
	Material		ASG20	ASG20
	Type		Axial	Axial
	Drive		Direct-driven	Direct-driven
	Fan Quantity		1	1
	Air flow	m ³ /h	3300	4000
Physical data				
Outdoor coil	Fin type		Hydrophilic Aluminum	Hydrophilic Aluminum
	Tube diameter	mm	Ø7	Ø9.52
	Number of rows		3	2
	Coil length x height x width	mm	784×630×40.11	1003×750×43.3
	Tube type		Inner-grooved copper tube	Inner-grooved copper tube
Refrigerant	Type		R410a	R410a
	Volume	kg	2.0	2.6
	Throttle type		EXV	EXV
Dimension (W*H*D)	Net	mm	935×702×383	1032×810×445
	Packing	mm	975×770×420	1075×875×495
Weight	Net	kg	47	60
	Gross	kg	50	65
Outdoor sound level		dB(A)	≤54	≤56
Maximum operating pressure		MPa	4.5	4.5
Piping & wiring data				
Pipe size	Liquid pipe	mm	Ø9.52	Ø9.52
	Gas pipe	mm	Ø15.88	Ø15.88
Connection wire	Power wire size	mm ²	3×4.0	3×4.0
	Signal wire type		3-core shielded cable	3-core shielded cable
	Signal wire size	mm ²	1.0	1.0
Operation temperature range				
Cooling	Outdoor side	°C	-5~55	-5~55
	Indoor side	°C	16~32	16~32
Heating	Outdoor side	°C	-15~30	-15~30
	Indoor side	°C	16~32	16~32

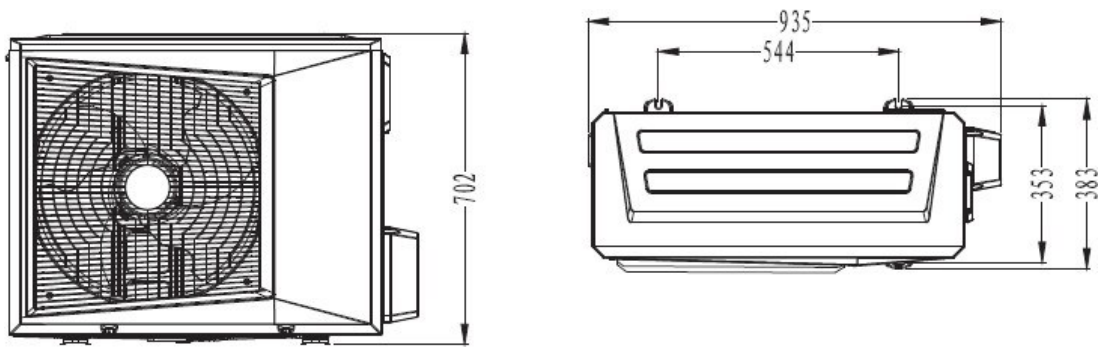
Model name			CHV-DH125W/R1		CHV-DH140W/R1		CHV-DH160W/R1	
			CHV-DH125W/NR1		CHV-DH140W/NR1		CHV-DH160W/NR1	
Power supply			220~240V/1N/50Hz		220~240V/1N/50Hz		220~240V/1N/50Hz	
			220~240V/1N/60Hz		220~240V/1N/60Hz		220~240V/1N/60Hz	
Condition			T1	T3	T1	T3	T1	T3
Performance data								
Cooling	Capacity	HP	4.5		5		5.7	
		kW	12.5	11.3	14	12.7	16	14.5
		Btu/h	42600	38340	47800	43020	54600	49140
	RT	3.55	3.20	3.98	3.58	4.55	4.10	
	Power input	kW	3.20	3.46	3.75	4.06	4.75	5.14
	Rated current	A	14.5	17.5	17.0	20.5	21.8	25.96
EER	W/W	3.91	3.27	3.73	3.13	3.37	2.82	
Heating	Capacity	kW	14		16		17	
		Btu/h	47800		54600		58000	
		RT	3.98		4.55		4.83	
	Power input	kW	3.52		4.00		4.40	
	Rated current	A	16.1		18.2		20.0	
	COP	W/W	3.98		4.00		3.86	
Max. input consumption		kW	7.48		7.48		7.48	
Max. current		A	34		34		34	
Capacity adjustment range			50%~130%		50%~130%		50%~130%	
Max. connected indoor unit quantity			7		8		9	
Compressor data								
DC Inverter compressor	Quantity		1		1		1	
	Type		Twin-rotary Compressor		Twin-rotary Compressor		Twin-rotary Compressor	
	Brand		Mitsubishi		Mitsubishi		Mitsubishi	
	Model		MNB40FEQMC		MNB40FEQMC		MNB40FEQMC	
	frequency range	Hz	10~120		10~120		10~120	
	Crankcase heater	W	35		35		35	
Compressor oil	Model		FV50S		FV50S		FV50S	
	Original oil volume	ml	1100		1100		1100	
Fan data								
Fan motor	Type		DC		DC		DC	
	Brand		Nidec		Nidec		Nidec	
	Model		DR-310-180-8		DR-310-180-8		DR-310-180-8	
	Quantity		1		1		1	
	Insulation class		E		E		E	
	Protection class		IP44		IP44		IP44	
	Power output	W	180		180		180	
Fan blade	Material		ASG20		ASG20		ASG20	
	Type		Axial		Axial		Axial	
	Drive		Direct-driven		Direct-driven		Direct-driven	
	Fan Quantity		1		1		1	
	Air flow	m³/h	5500		5500		5500	
Physical data								
Outdoor coil	Fin type		Hydrophilic Aluminum		Hydrophilic Aluminum		Hydrophilic Aluminum	
	Tube diameter	mm	ø7		ø7		ø7	
	Number of rows		2		3		3	
	Coil length x height x width	mm	1145×798×38.8		1145×798×58.2		1145×798×58.2	
	Tube type		Inner-grooved copper		Inner-grooved copper		Inner-grooved copper	
Refrigerant	Type		R410a		R410a		R410a	
	Volume	kg	3.0		3.8		3.8	
	Throttle type		EXV		EXV		EXV	
Dimension (W*H*D)	Net	mm	1100×870×528		1100×870×528		1100×870×528	
	Packing	mm	1140×965×540		1140×965×540		1140×965×540	
Weight	Net	kg	85		90		90	
	Gross	kg	95		100		100	
Outdoor sound level		dB(A)	≤56		≤57		≤57	
Maximum operating pressure		MPa	4.5		4.5		4.5	
Piping & wiring data								
Pipe size	Liquid pipe	mm	ø9.52		ø9.52		ø9.52	
	Gas pipe	mm	ø15.88		ø15.88		ø15.88	
Connection wire	Power wire size	mm²	3×6.0		3×6.0		3×6.0	
	Signal wire type		3-core shielded cable		3-core shielded cable		3-core shielded cable	
	Signal wire size	mm²	1.0		1.0		1.0	
Operation temperature range								
Cooling	Outdoor side	°C	-5~55		-5~55		-5~55	
	Indoor side	°C	16~32		16~32		16~32	
Heating	Outdoor side	°C	-15~30		-15~30		-15~30	
	Indoor side	°C	16~32		16~32		16~32	

Model name			GCHV-D125W/HZR1-D01		GCHV-D140W/HZR1-F01		GCHV-D160W/HZR1-F01	
			GCHV-D125W/HYR1-D01		GCHV-D140W/HYR1-F01		GCHV-D160W/HYR1-F01	
Power supply			380~415V/3N/50Hz		380~415V/3N/50Hz		380~415V/3N/50Hz	
			380~415V/3N/60Hz		380~415V/3N/60Hz		380~415V/3N/60Hz	
Condition			T1	T3	T1	T3	T1	T3
Performance data								
Cooling	Capacity	HP	4.5		5		5.7	
		kW	12.5	11.3	14	12.7	16	14.5
		Btu/h	42600	38340	47800	43020	54600	49140
		RT	3.55	3.20	3.98	3.58	4.55	4.10
	Power input	kW	3.20	3.46	3.75	4.06	4.75	5.14
	Rated current	A	6.0	7.2	7.0	8.4	8.8	10.6
	EER	W/W	3.91	3.27	3.73	3.13	3.37	2.82
Heating	Capacity	kW	14		16		17	
		Btu/h	47800		54600		58000	
		RT	3.98		4.55		4.83	
	Power input	kW	3.52		4.00		4.40	
	Rated current	A	6.6		7.5		8.2	
	COP	W/W	3.98		4.00		3.86	
Max. input consumption		kW	6.3		7.0		7.5	
Max. current		A	13		15.5		17.5	
Capacity adjustment range			50%~130%		50%~130%		50%~130%	
Max. connected indoor unit quantity			7		8		9	
Compressor data								
DC Inverter compressor	Quantity		1		1		1	
	Type		Twin-rotary Compressor		Twin-rotary Compressor		Twin-rotary Compressor	
	Brand		HIGHLY		HIGHLY		Mitsubishi	
	Model		ATH307CDPC8DQ		ATH307CDPC8DQ		MNB40FEQMC	
	frequency range	Hz	15~120		15~120		10~120	
	Crankcase heater	W	35		35		35	
Compressor oil	Model		RMM68EA		RMM68EA		FV50S	
	Original oil volume	ml	850		850		1100	
Fan data								
Fan motor	Type		DC		DC		DC	
	Brand		Kaibang/Yongan		Yongan/Weiling		Yongan/Weiling	
	Model		DRN-310-90-8		DR-310-180-8		DR-310-180-8	
	Quantity		1		1		1	
	Insulation class		B		E		E	
	Power output	W	90		170		170	
Fan blade	Material		ASG20		ASG20		ASG20	
	Type		Axial		Axial		Axial	
	Fan Quantity		1		1		1	
	Air flow	m³/h	4000		5500		5500	
Physical data								
Outdoor coil	Fin type		Hydrophilic Aluminum		Hydrophilic Aluminum		Hydrophilic Aluminum	
	Tube diameter	mm	Ø9.52		Ø7		Ø7	
	Number of rows		2.5		3		3	
	Coil length x height x width	mm	1003×750×43.3 580×750×21.65		1145×798×58.2		1145×798×58.2	
	Tube type		Inner-grooved copper		Inner-grooved copper		Inner-grooved copper	
Refrigerant	Type		R410a		R410a		R410a	
	Volume	kg	3.0		3.45		3.8	
	Throttle type		EXV		EXV		EXV	
Dimension (W*H*D)	Net	mm	1032×810×445		1100×870×528		1100×870×528	
	Packing	mm	1075×875×495		1140×965×540		1140×965×540	
Weight	Net	kg	67.4		87.5		90	
	Gross	kg	72.2		97.4		100	
Outdoor sound level		dB(A)	≤56		≤57		≤57	
Maximum operating pressure		MPa	4.5		4.5		4.5	
Piping & wiring data								
Pipe size	Liquid pipe	mm	Ø9.52		Ø9.52		Ø9.52	
	Gas pipe	mm	Ø15.88		Ø15.88		Ø15.88	
Connection wire	Power wire size	mm²	5×2.5		5×2.5		5×2.5	
	Signal wire type		3-core shielded cable		3-core shielded cable		3-core shielded cable	
	Signal wire size	mm²	1.0		1.0		1.0	
Operation temperature range								
Cooling	Outdoor side	°C	-5~55		-5~55		-5~55	
	Indoor side	°C	16~32		16~32		16~32	
Heating	Outdoor side	°C	-15~30		-15~30		-15~30	
	Indoor side	°C	16~32		16~32		16~32	

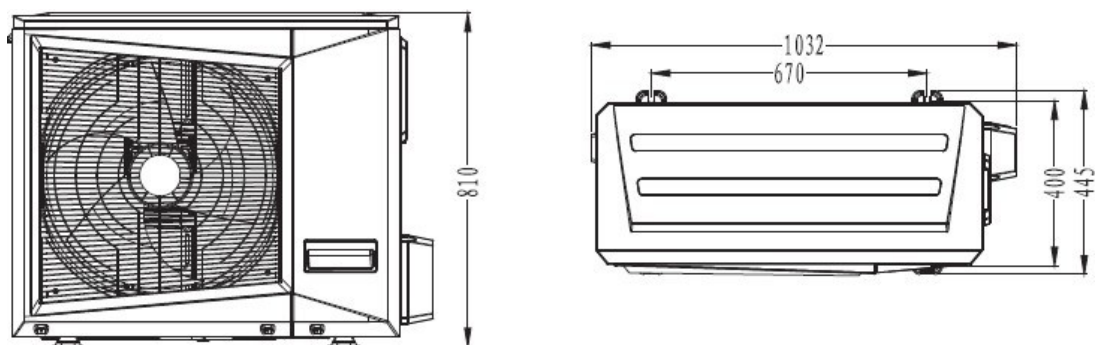
Notes:

1. The cooling conditions: indoor side 27°C(80.6°F) DB, 19°C(60°F)WB outdoor side 35°C(95°F) DB.
2. The heating conditions: indoor side 20°C(68°F) DB, 15°C(44.6°F)WB outdoor side 7°C(42.8°F)DB.
3. Sound level: measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
4. The company reserves the right to revise product technical parameter without having to notify the clients individually.

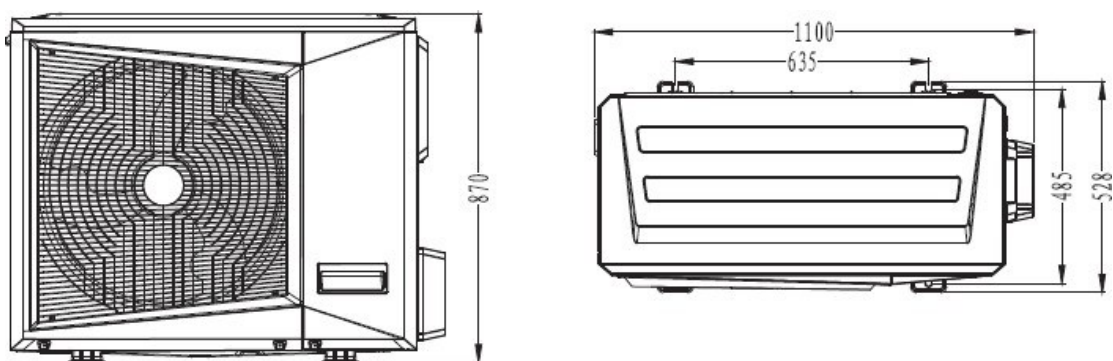
2. Dimensions



CHV-DH080W/R1



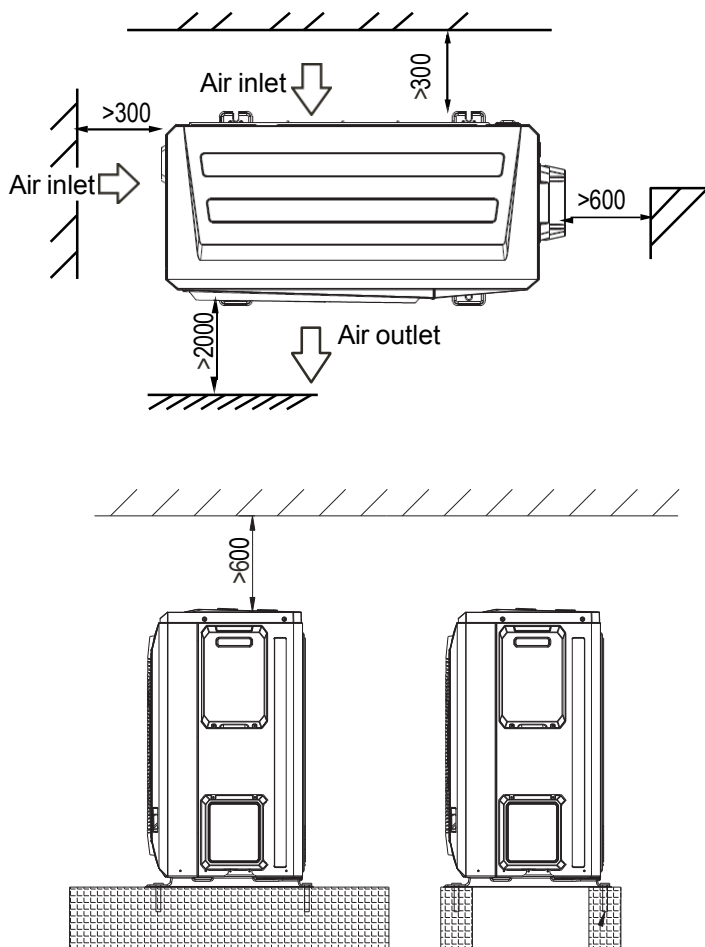
CHV-DH100W/R1
GCHV-D125W/HZR1-D01



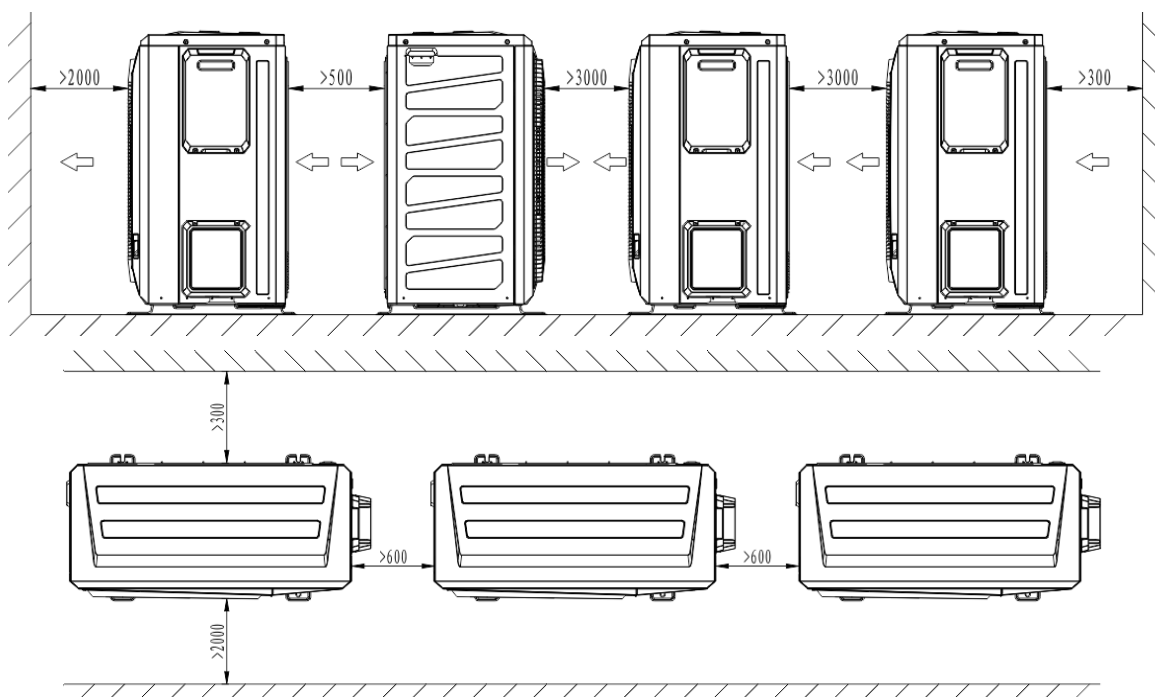
CHV-DH125W/R1
CHV-DH140W/R1
CHV-DH160W/R1
GCHV-D140W/HZR1-F01
GCHV-D160W/HZR1-F01

3. Service Space

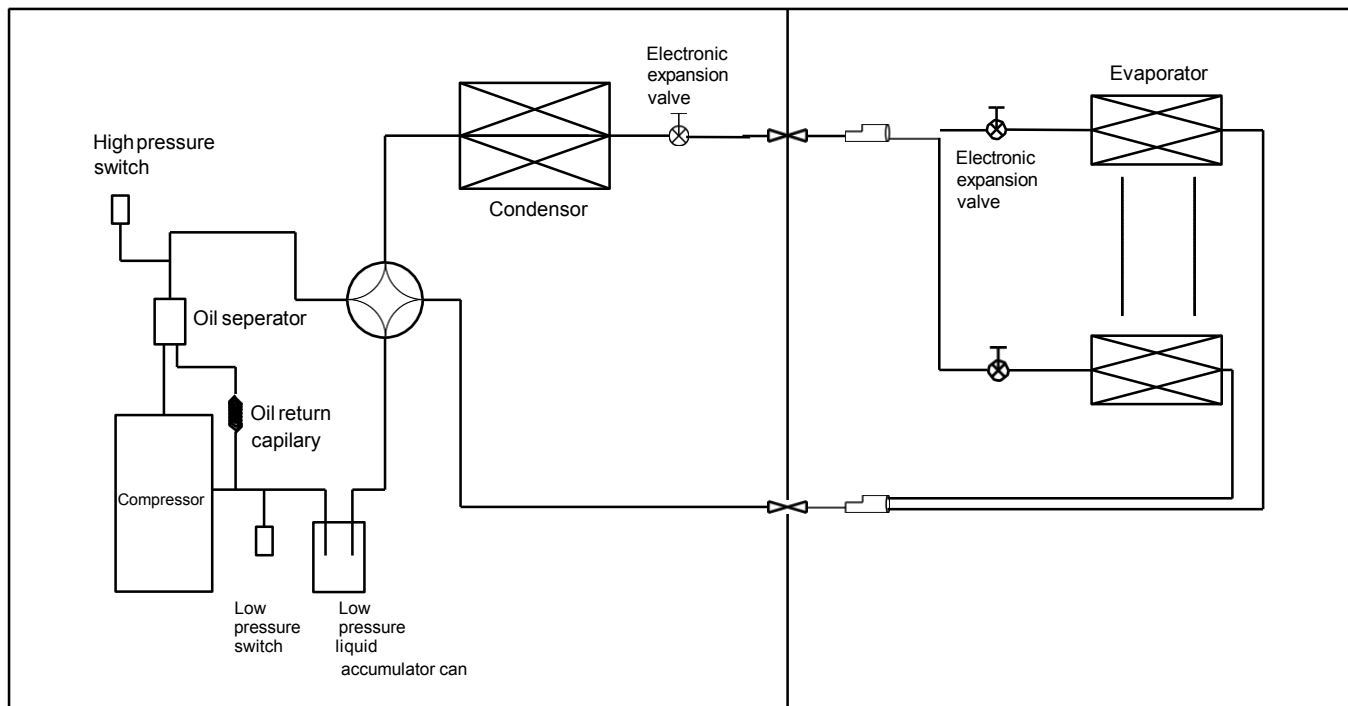
3.1 Single unit installation



3.2 Parallel connect the two units or above



4. Piping Diagrams



Oil separator: It is used to separate oil from high pressure & temperature gas refrigerant that is pumped out from compressor. The separation efficiency is up to 99%, it makes the oil return back to each compressor very soon.

Gas-liquid separator: It is used to store the liquid refrigerant and oil, it can protect the compressor from liquid hammer.

4-way valve: Closed in cooling mode and open in heating mode.

Electronic expansion valve: The opening of the valve is regulated according to the discharge air temperature of compressor, used to regulating refrigerant flow.

High Pressure Switch: When the discharge pressure of compressor is 4.5Mpa or higher, the protection switch will be triggered, and if the discharge pressure is down to 3.5MPa, the protection switch will be recovered.

Low Pressure Switch: When the gas pressure back to compressor is 0.05Mpa or lower, the protection switch will be triggered, and if the discharge pressure is down to 0.15MPa, the protection switch will be recovered.

5. Wiring Diagrams

5.1 For 8/10kW

ELECTRICAL WIRING DIAGRAM

The wire should be made a circle around the magnetic loop.

The wire should be made a circle around the magnetic loop.

Check Table		
NUM	Display content	Display content
0	Frequency, the number of indoor units	16 DC current
1	Outdoor power	17 AC voltage
2	Run mode (0: shutdown; 2: refrigeration; 3: heating; 4: forced refrigeration)	18 DC voltage
3	Indoor demand	19 The expansion valve of indoor A
4	Outdoor after correction demand	20 The number of indoor units
5	Actual operation ability	21 Priority mode: 0:Automatic selection; 1:Heating mode is preferred; 2:Refrigeration mode preferred; 3:Only heating mode; 4:Only refrigeration mode; 5:VIP-Automatic mode priority; 6:According to the first mode
6	Fan speed state (0-8)	22 Reserved
7	T2 average temp.	23 Reserved
8	T3 condensing temp.	24 Reserved
9	Reserved	25 Reserved
10	T4 outdoor ambient temp.	26 Frequency limit display: 0:Unlimited frequency; 1:736 frequency limits; 2:4 frequency limits; 3:15 frequency limits; 4:Voltage limiting frequency; 5:4 frequency limits; 6:15 frequency limits; 7:30 frequency limits; 8:30 frequency limits
11	TP exhaust temp.	27 Last failure or protection code
12	Reserved	28 Soft version
13	Reserved	29 Memorizer version
14	Electronic expansion valve opening	30 ---
15	AC current	

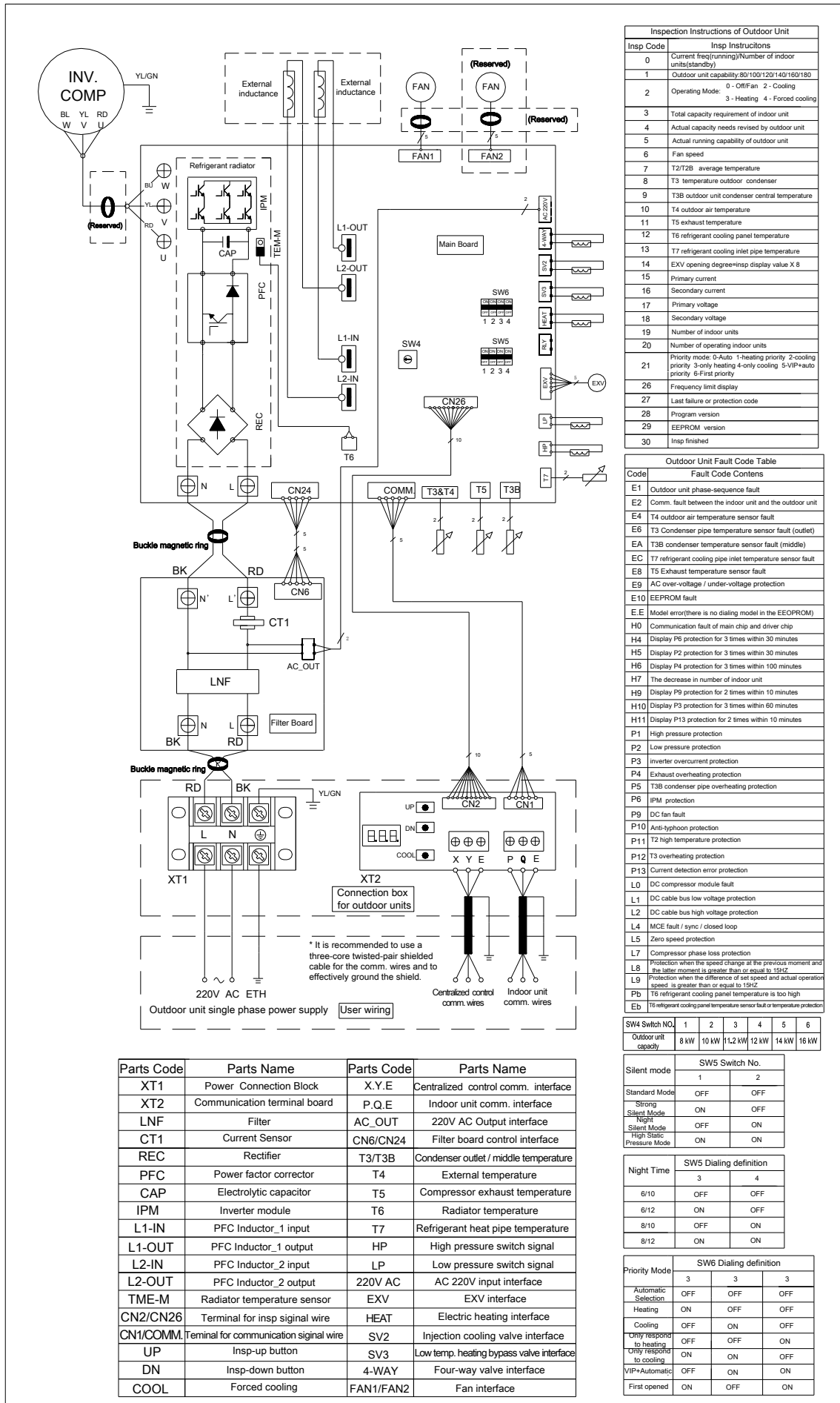
Failure and Protection		
Code	Failure or protection definition	Failure or protection definition
E1	Phase sequence failure	P2 Low pressure protection
E2	Comm. failure between indoor and outdoor units	P3 Frequency conversion overcurrent protection
E4	Environment temperature sensor failure	P4 Excessive exhaust temperature protection
E6	Condensate temperature sensor failure	P5 Reserved
E8	TP temperature sensor failure	P6 IPM modules protection
E9	AC overvoltage/undervoltage protection	P9 DC fan protection
E10	EEPROM failure	P10 Protected against typhoons
EA	Reserved	P11 Refrigeration T2 high temperature protection
Eb	Reserved	P13 The current detect abnormal protection
EC	Reserved	L0 DC compressor module fault
EE	Reserved	L1 DC low voltage protection
H0	Comm. failure between master chip and DSP	L2 DC high voltage protection
H4	The protection of three times P6 in 30 minutes	L4 MCE fault/synchronous/closed loop
H5	The protection of three times P4 in 30 minutes	L5 Zero speed protection
H6	The protection of three times P2 in 100 minutes	L6 Reserved
H7	The decrease in the number of indoor	L7 Deficiency Protection of Compressor
H9	The protection of two times P9 in 10 minutes	L8 A moment before and after the speed change > 15 Hz
H10	The protection of three times P3 in 60 minutes	L9 Set speed and the actual speed difference > 15 Hz
H11	The protection of two times P13 in 10 minutes	Pb Reserved
P1	High pressure protection	

SW1 Description (NO.3 & NO.4)		
ON	Nighttime 6/10	Nighttime 8/12
ON	Nighttime 6/10	Nighttime 8/12
ON	Nighttime 8/10	Nighttime 6/12

SW2 Description (NO.1 & NO.2)		
ON	Standard silence mode	High hydrostatic mode
ON	Standard silence mode <td>High hydrostatic mode</td>	High hydrostatic mode
ON	Notdual silence mode <td>Strong mute mode</td>	Strong mute mode

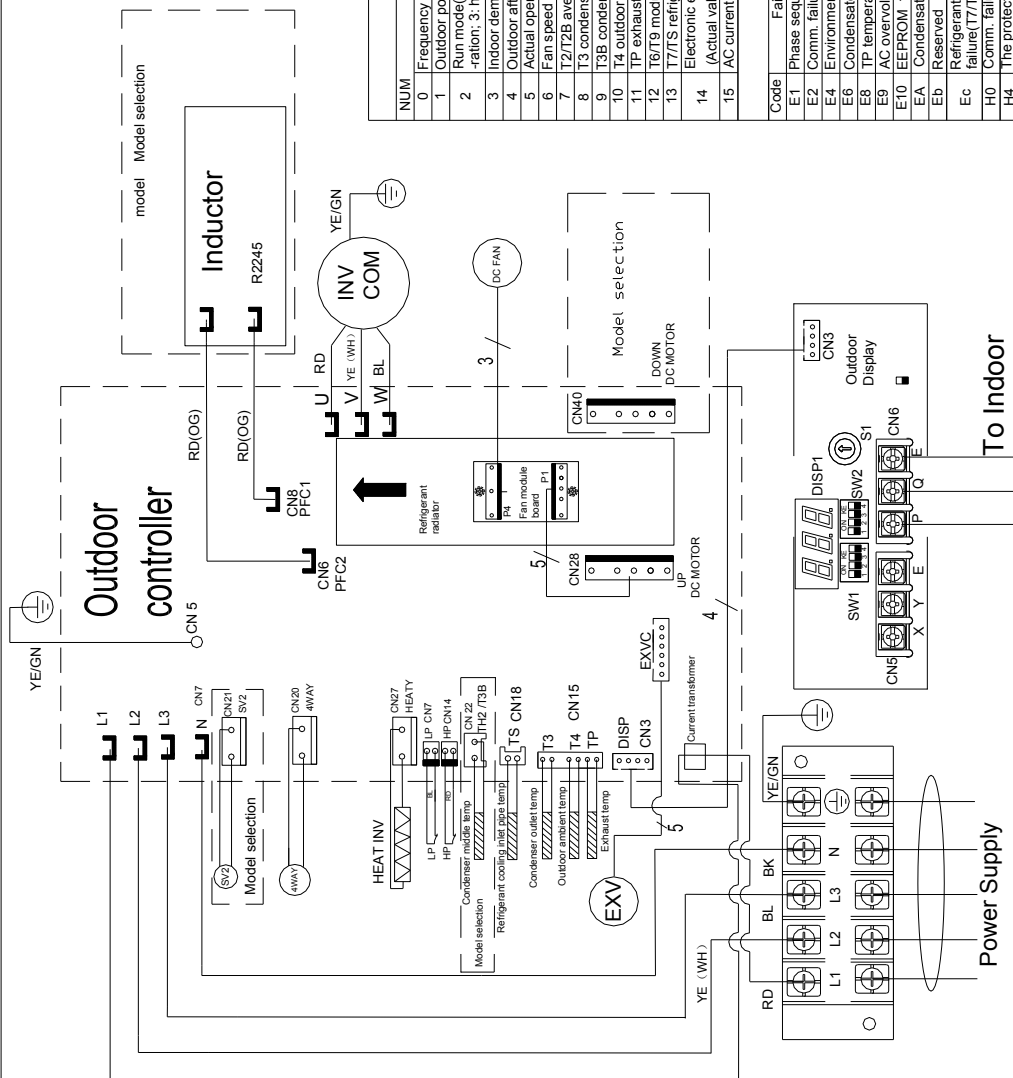
SW3 Description (NO.1 & NO.2)		
ON	Automatically select mode is preferred	Only heating mode
ON <td>Automatically select mode is preferred<td>Only heating mode</td></td>	Automatically select mode is preferred <td>Only heating mode</td>	Only heating mode
ON <td>Refrigeration mode is preferred<td>Only refrigeration mode</td></td>	Refrigeration mode is preferred <td>Only refrigeration mode</td>	Only refrigeration mode
ON <td>Heating mode is preferred<td>VIP-Automatically select mode is preferred</td></td>	Heating mode is preferred <td>VIP-Automatically select mode is preferred</td>	VIP-Automatically select mode is preferred

5.2 For 12.5/14/16kW - Single phase



5.2 For 12.5/14/16kW - Three-phase

ELECTRICAL WIRING DIAGRAM



Note: the power line where the current transformer is located passes through the current transformer.

Check Table

NUM	Display content	NUM	Display content
0	Frequency / the number of indoor units	16	DC current
1	Outdoor power	17	AC voltage
2	Run mode(0: shut down/air supply; 2: fridge -air; 3: heating; 4: forced refrigeration)	18	DC voltage
3	Indoor demand	19	The number of indoor units
4	Outdoor after correction demand	20	The number of running indoor units
5	Actual operation ability	21	Priority mode: Automatic selection; 1: Heating mode preferred; 2: Cooling mode; 3: VIP-Automatic mode priority; 6: According to the first mode
6	Fan speed state (0-8)	22	Reserved
7	T2/T2B average temp.	23	Reserved
8	T3 condenser outlet temp.	24	Reserved
9	T3B condenser middle temp.	25	Reserved
10	T4 outdoor ambient temp.	26	Frequency limit display: 0: unlimited frequency; 1: 3Hz frequency limit; 2: 14 frequency limit; 4: 1P frequency limit; 8: Voltage limiting frequency; 16: current limiting frequency; 32: 1P restrictions; 64: multi frequency limit
11	TP exhaust temp.	27	Last failure or protection code
12	T6/T9 module temp.	28	Soft version
13	T7/T5 refrigerant cooling inlet pipe temp.	29	Memorizer version
14	Electronic expansion valve opening (Actual value = Show value * 4)	30	---
15	AC current		

Failure and Protection

Code	Failure or protection definition	Code	Failure or protection definition
E1	Phase sequence failure	P1	High pressure protection
E2	Comm. failure between indoor and outdoor units	P2	Low pressure protection
E4	Environment temperature sensor failure(T14)	P3	Over current protection
E6	Condensate temperature sensor failure(T3)	P4	Excessive exhaust temperature protection
E8	TP temperature sensor failure(TP)	P5	T3 or T3B condenser over temperature protection
E9	AC overvoltage/undervoltage protection	P6	IPM modules protection
E10	EEPROM failure	P9	DC fan protection
EA	Condensate temperature sensor failure(T3B)	P10	Protected against typhoons
Eb	Reserved	P11	Heating T2 high temperature protection
Ec	Refrigerant cooling inlet pipe temperature sensor failure(T7/T5)	P13	The current detect abnormal protection
H0	Comm. failure between master chip and DSP	Pb	Module over temperature protection
H4	The protection of three times P6 in 30 minutes		
H5	The protection of three times P2 in 30 minutes		
H6	The protection of three times P4 in 100 minutes		
H7	The decrease in the number of indoor		
H9	The protection of two times P9 in 10 minutes		
H10	The protection of three times P3 in 60 minutes		
H11	The protection of two times P13 in 10 minutes		
H12	The protection of three times P5 in 60 minutes		

SW1 Description (NO.1 & NO.2)

SW1 Description (NO.1 & NO.2)	SW2 Description (NO.1 & NO.2 & NO.3 & NO.4)
ON Night time 8/10 OFF Night time 8/12 (Factory default)	Automatically select mode is preferred (Factory default)
ON Night time 8/10 OFF Night time 8/12 (Factory default)	Only heating mode
ON Night time 8/10 OFF Night time 8/12 (Factory default)	Only refrigeration mode
ON Night time 8/10 OFF Night time 8/12 (Factory default)	Heating mode is preferred

S1 Description

S1 Description
Reserved

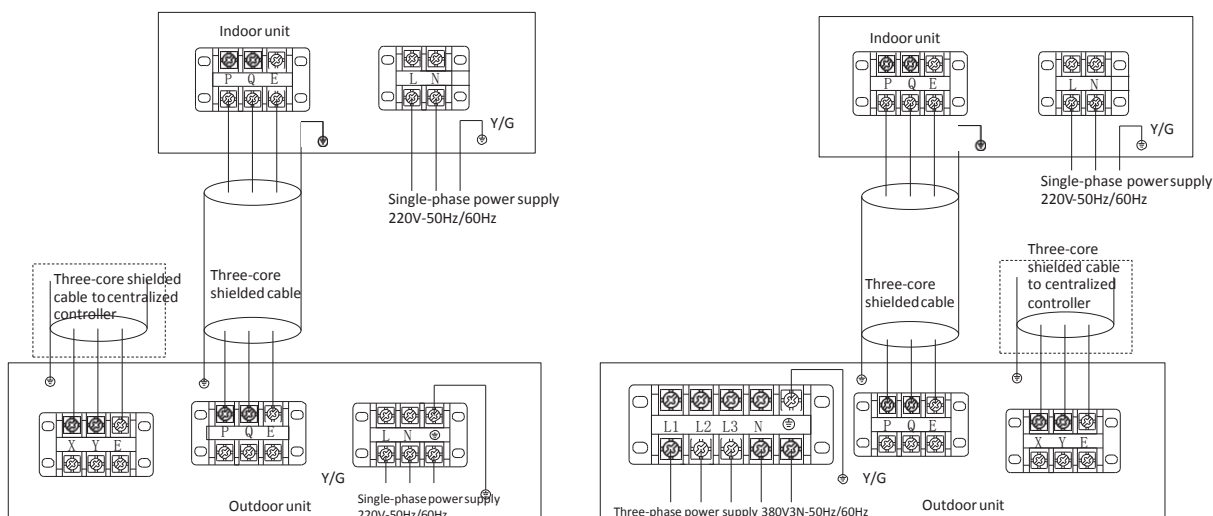
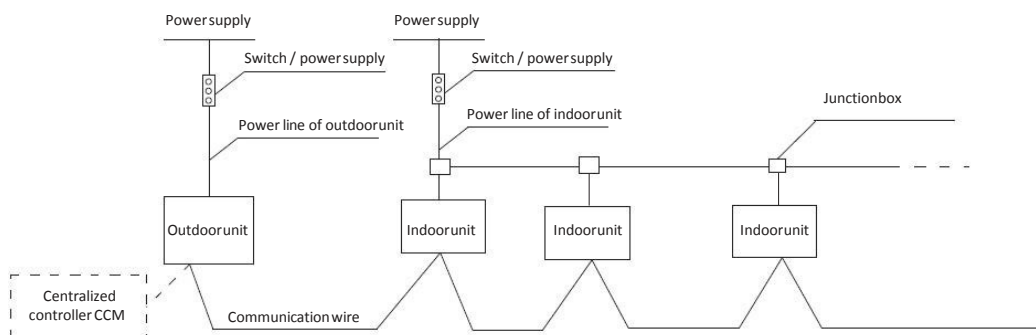
Power Supply

To Indoor

Note: the power line where the current transformer is located passes through the current transformer.

6. Field Wiring

If needed, the user can purchase a centralized controller, as shown in the dashed box. For the specific method of installation, please contact your local supplier.



7. Capacity Tables

7.1 Cooling

CHV-DH080W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	5.6	1.01	6.0	1.06	6.1	1.10	6.3	1.12	6.4	1.14	6.6	1.18	6.8	1.21
	-2	5.5	1.02	5.8	1.07	6.0	1.11	6.1	1.13	6.3	1.15	6.5	1.19	6.6	1.22
	0	5.4	1.03	5.7	1.09	5.9	1.12	6.0	1.14	6.1	1.17	6.3	1.20	6.5	1.23
	2	5.3	1.04	5.6	1.10	5.8	1.13	5.9	1.15	6.0	1.18	6.2	1.21	6.4	1.25
	4	5.2	1.05	5.5	1.11	5.7	1.14	5.8	1.17	5.9	1.19	6.1	1.22	6.3	1.26
	6	5.1	1.06	5.4	1.12	5.6	1.15	5.7	1.18	5.8	1.20	6.0	1.24	6.1	1.27
	8	5.0	1.07	5.3	1.13	5.5	1.17	5.6	1.19	5.7	1.21	5.8	1.25	6.0	1.28
	10	6.7	1.42	7.1	1.50	7.3	1.55	7.4	1.58	7.6	1.61	7.8	1.66	8.0	1.71
	12	6.6	1.48	6.9	1.56	7.2	1.61	7.3	1.64	7.4	1.68	7.7	1.73	7.9	1.78
	14	6.4	1.54	6.8	1.63	7.0	1.68	7.2	1.71	7.3	1.75	7.5	1.80	7.7	1.85
	16	6.3	1.61	6.7	1.70	6.9	1.75	7.0	1.78	7.2	1.82	7.4	1.87	7.6	1.93
	18	7.3	1.80	7.7	1.90	8.0	1.96	8.2	2.00	8.3	2.04	8.6	2.10	8.8	2.16
	20	7.2	1.82	7.6	1.92	7.8	1.98	8.0	2.02	8.2	2.06	8.4	2.12	8.6	2.18
	21	7.1	1.84	7.4	1.94	7.7	2.00	7.8	2.04	8.0	2.08	8.2	2.14	8.5	2.20
	23	6.9	1.86	7.3	1.96	7.5	2.02	7.7	2.06	7.8	2.10	8.1	2.16	8.3	2.23
	25	6.8	1.87	7.2	1.98	7.4	2.04	7.5	2.08	7.7	2.12	7.9	2.19	8.1	2.25
	27	8.3	2.34	8.8	2.47	9.1	2.55	9.3	2.60	9.5	2.65	9.7	2.73	10.0	2.81
	29	8.2	2.36	8.6	2.49	8.9	2.57	9.1	2.62	9.3	2.68	9.5	2.75	9.8	2.83
	31	8.0	2.39	8.5	2.52	8.7	2.60	8.9	2.65	9.1	2.70	9.4	2.78	9.6	2.86
	33	7.9	2.41	8.3	2.54	8.6	2.62	8.7	2.68	8.9	2.73	9.2	2.81	9.4	2.89
	35	7.7	2.43	8.1	2.57	8.4	2.65	8.6	2.70	8.7	2.76	9.0	2.84	9.2	2.92
	37	7.5	2.45	8.0	2.58	8.2	2.66	8.4	2.72	8.6	2.77	8.8	2.85	9.1	2.93
	39	7.2	2.40	7.6	2.53	7.8	2.61	8.0	2.66	8.1	2.72	8.4	2.80	8.6	2.88
	41	6.8	2.35	7.2	2.48	7.4	2.56	7.6	2.61	7.7	2.66	7.9	2.74	8.2	2.82
	43	6.5	2.30	6.8	2.43	7.0	2.51	7.2	2.56	7.3	2.61	7.6	2.69	7.8	2.76
	45	6.1	2.23	6.5	2.36	6.7	2.43	6.8	2.48	7.0	2.53	7.2	2.61	7.4	2.68
	48	5.8	2.12	6.2	2.24	6.4	2.31	6.5	2.36	6.6	2.40	6.8	2.47	7.0	2.55
	50	5.5	1.95	5.9	2.06	6.0	2.13	6.2	2.17	6.3	2.21	6.5	2.28	6.7	2.34
	52	5.3	1.80	5.6	1.90	5.7	1.96	5.9	1.99	6.0	2.03	6.2	2.09	6.3	2.15
	55	5.0	1.65	5.3	1.74	5.5	1.80	5.6	1.84	5.7	1.87	5.8	1.93	6.0	1.98
120%	-5	5.5	1.00	5.8	1.05	6.0	1.09	6.1	1.11	6.3	1.13	6.5	1.16	6.6	1.20
	-2	5.4	1.01	5.7	1.06	5.9	1.10	6.0	1.12	6.1	1.14	6.3	1.18	6.5	1.21
	0	5.3	1.02	5.6	1.08	5.8	1.11	5.9	1.13	6.0	1.15	6.2	1.19	6.4	1.22
	2	5.2	1.03	5.5	1.09	5.7	1.12	5.8	1.14	5.9	1.17	6.1	1.20	6.3	1.23
	4	5.1	1.04	5.4	1.10	5.6	1.13	5.7	1.15	5.8	1.18	6.0	1.21	6.1	1.25
	6	5.0	1.05	5.3	1.11	5.5	1.14	5.6	1.17	5.7	1.19	5.8	1.22	6.0	1.26
	8	4.9	1.06	5.2	1.12	5.4	1.15	5.5	1.18	5.6	1.20	5.7	1.24	5.9	1.27
	10	6.6	1.41	6.9	1.49	7.2	1.53	7.3	1.56	7.5	1.60	7.7	1.64	7.9	1.69
	12	6.4	1.47	6.8	1.55	7.0	1.60	7.2	1.63	7.3	1.66	7.5	1.71	7.7	1.76
	14	6.3	1.53	6.7	1.61	6.9	1.66	7.0	1.70	7.2	1.73	7.4	1.78	7.6	1.83
	16	6.2	1.59	6.5	1.68	6.8	1.73	6.9	1.77	7.0	1.80	7.2	1.86	7.4	1.91
	18	7.2	1.78	7.6	1.88	7.8	1.94	8.0	1.98	8.2	2.02	8.4	2.08	8.6	2.14
	20	7.1	1.80	7.5	1.90	7.7	1.96	7.8	2.00	8.0	2.04	8.2	2.10	8.5	2.16
	21	6.9	1.82	7.3	1.92	7.5	1.98	7.7	2.02	7.8	2.06	8.1	2.12	8.3	2.18
	23	6.8	1.84	7.2	1.94	7.4	2.00	7.5	2.04	7.7	2.08	7.9	2.14	8.1	2.20
	25	6.7	1.86	7.0	1.96	7.2	2.02	7.4	2.06	7.5	2.10	7.8	2.17	8.0	2.23
	27	8.2	2.32	8.6	2.44	8.9	2.52	9.1	2.57	9.3	2.62	9.5	2.70	9.8	2.78
	29	8.0	2.34	8.5	2.47	8.7	2.55	8.9	2.60	9.1	2.65	9.4	2.73	9.6	2.81
	31	7.9	2.36	8.3	2.49	8.6	2.57	8.7	2.62	8.9	2.68	9.2	2.76	9.4	2.83
	33	7.7	2.39	8.1	2.52	8.4	2.60	8.6	2.65	8.7	2.70	9.0	2.78	9.3	2.86
	35	7.6	2.41	8.0	2.54	8.2	2.62	8.4	2.68	8.6	2.73	8.8	2.81	9.1	2.89
	37	7.4	2.42	7.8	2.56	8.1	2.64	8.2	2.69	8.4	2.75	8.6	2.83	8.9	2.91
	39	7.0	2.37	7.4	2.51	7.7	2.58	7.8	2.64	8.0	2.69	8.2	2.77	8.4	2.85
	41	6.7	2.33	7.1	2.46	7.3	2.53	7.4	2.58	7.6	2.64	7.8	2.71	8.0	2.79
	43	6.4	2.28	6.7	2.41	6.9	2.48	7.1	2.53	7.2	2.58	7.4	2.66	7.6	2.74
	45	6.0	2.21	6.4	2.33	6.6	2.41	6.7	2.46	6.8	2.51	7.0	2.58	7.2	2.65
	48	5.7	2.10	6.1	2.22	6.2	2.29	6.4	2.33	6.5	2.38	6.7	2.45	6.9	2.52
	50	5.4	1.93	5.7	2.04	5.9	2.10	6.1	2.15	6.2	2.19	6.4	2.25	6.5	2.32
	52	5.2	1.78	5.5	1.88	5.6	1.94	5.7	1.98	5.9	2.02	6.0	2.07	6.2	2.13
	55	4.9	1.64	5.2	1.73	5.4	1.78	5.5	1.82	5.6	1.85	5.7	1.91	5.9	1.96

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
110%	-5	5.4	0.99	5.7	1.04	5.9	1.08	6.0	1.10	6.2	1.12	6.3	1.15	6.5	1.19
	-2	5.3	1.00	5.6	1.05	5.8	1.09	5.9	1.11	6.0	1.13	6.2	1.17	6.4	1.20
	0	5.2	1.01	5.5	1.06	5.7	1.10	5.8	1.12	5.9	1.14	6.1	1.18	6.3	1.21
	2	5.1	1.02	5.4	1.08	5.6	1.11	5.7	1.13	5.8	1.15	6.0	1.19	6.1	1.22
	4	5.0	1.03	5.3	1.09	5.5	1.12	5.6	1.14	5.7	1.17	5.9	1.20	6.0	1.24
	6	4.9	1.04	5.2	1.10	5.4	1.13	5.5	1.16	5.6	1.18	5.7	1.21	5.9	1.25
	8	4.8	1.05	5.1	1.11	5.2	1.14	5.4	1.17	5.5	1.19	5.6	1.23	5.8	1.26
	10	6.5	1.39	6.8	1.47	7.0	1.52	7.2	1.55	7.3	1.58	7.5	1.63	7.7	1.67
	12	6.3	1.45	6.7	1.53	6.9	1.58	7.0	1.61	7.2	1.65	7.4	1.69	7.6	1.74
	14	6.2	1.51	6.5	1.60	6.8	1.65	6.9	1.68	7.0	1.71	7.2	1.76	7.4	1.81
	16	6.1	1.58	6.4	1.66	6.6	1.72	6.8	1.75	6.9	1.79	7.1	1.84	7.3	1.89
	18	7.1	1.77	7.5	1.86	7.7	1.92	7.8	1.96	8.0	2.00	8.2	2.06	8.5	2.12
	20	6.9	1.78	7.3	1.88	7.5	1.94	7.7	1.98	7.8	2.02	8.1	2.08	8.3	2.14
	21	6.8	1.80	7.2	1.90	7.4	1.96	7.5	2.00	7.7	2.04	7.9	2.10	8.1	2.16
	23	6.7	1.82	7.0	1.92	7.2	1.98	7.4	2.02	7.5	2.06	7.8	2.12	8.0	2.18
	25	6.5	1.84	6.9	1.94	7.1	2.00	7.3	2.04	7.4	2.08	7.6	2.14	7.8	2.21
	27	8.0	2.29	8.5	2.42	8.7	2.50	8.9	2.55	9.1	2.60	9.4	2.67	9.6	2.75
	29	7.9	2.32	8.3	2.44	8.6	2.52	8.7	2.57	8.9	2.62	9.2	2.70	9.4	2.78
	31	7.7	2.34	8.1	2.47	8.4	2.55	8.6	2.60	8.7	2.65	9.0	2.73	9.3	2.81
	33	7.6	2.36	8.0	2.49	8.2	2.57	8.4	2.63	8.6	2.68	8.8	2.76	9.1	2.84
	35	7.4	2.39	7.8	2.52	8.1	2.60	8.2	2.65	8.4	2.71	8.7	2.78	8.9	2.86
	37	7.3	2.40	7.7	2.53	7.9	2.61	8.1	2.67	8.2	2.72	8.5	2.80	8.7	2.88
	39	6.9	2.35	7.3	2.48	7.5	2.56	7.7	2.61	7.8	2.66	8.1	2.74	8.3	2.82
	41	6.6	2.30	6.9	2.43	7.1	2.51	7.3	2.56	7.4	2.61	7.7	2.69	7.9	2.76
	43	6.2	2.26	6.6	2.38	6.8	2.46	6.9	2.51	7.1	2.56	7.3	2.63	7.5	2.71
	45	5.9	2.19	6.2	2.31	6.4	2.38	6.6	2.43	6.7	2.48	6.9	2.55	7.1	2.63
	48	5.6	2.08	5.9	2.20	6.1	2.27	6.2	2.31	6.4	2.36	6.6	2.43	6.7	2.50
	50	5.3	1.91	5.6	2.02	5.8	2.08	5.9	2.13	6.1	2.17	6.2	2.23	6.4	2.30
	52	5.1	1.76	5.4	1.86	5.5	1.92	5.6	1.96	5.8	2.00	5.9	2.05	6.1	2.11
	55	4.8	1.62	5.1	1.71	5.3	1.76	5.4	1.80	5.5	1.84	5.6	1.89	5.8	1.94
100%	-5	5.3	0.97	5.6	1.02	5.7	1.06	5.9	1.08	6.0	1.10	6.1	1.13	6.3	1.16
	-2	5.2	0.98	5.5	1.03	5.6	1.07	5.7	1.09	5.9	1.11	6.0	1.14	6.2	1.17
	0	5.1	0.99	5.3	1.04	5.5	1.08	5.6	1.10	5.7	1.12	5.9	1.15	6.1	1.19
	2	5.0	1.00	5.2	1.05	5.4	1.09	5.5	1.11	5.6	1.13	5.8	1.17	6.0	1.20
	4	4.9	1.01	5.1	1.07	5.3	1.10	5.4	1.12	5.5	1.14	5.7	1.18	5.8	1.21
	6	4.8	1.02	5.0	1.08	5.2	1.11	5.3	1.13	5.4	1.16	5.6	1.19	5.7	1.22
	8	4.7	1.03	4.9	1.09	5.1	1.12	5.2	1.14	5.3	1.17	5.5	1.20	5.6	1.24
	10	6.3	1.37	6.6	1.44	6.8	1.49	7.0	1.52	7.1	1.55	7.3	1.59	7.5	1.64
	12	6.1	1.42	6.5	1.50	6.7	1.55	6.8	1.58	7.0	1.61	7.2	1.66	7.4	1.71
	14	6.0	1.48	6.4	1.56	6.6	1.61	6.7	1.65	6.8	1.68	7.0	1.73	7.2	1.78
	16	5.9	1.54	6.2	1.63	6.4	1.68	6.6	1.72	6.7	1.75	6.9	1.80	7.1	1.85
	18	6.9	1.73	7.2	1.83	7.5	1.88	7.6	1.92	7.8	1.96	8.0	2.02	8.2	2.08
	20	6.7	1.75	7.1	1.85	7.3	1.90	7.5	1.94	7.6	1.98	7.8	2.04	8.1	2.10
	21	6.6	1.77	7.0	1.86	7.2	1.92	7.3	1.96	7.5	2.00	7.7	2.06	7.9	2.12
	23	6.5	1.78	6.8	1.88	7.0	1.94	7.2	1.98	7.3	2.02	7.5	2.08	7.8	2.14
	25	6.3	1.80	6.7	1.90	6.9	1.96	7.0	2.00	7.2	2.04	7.4	2.10	7.6	2.16
	27	7.8	2.25	8.2	2.37	8.5	2.45	8.7	2.50	8.8	2.55	9.1	2.62	9.4	2.70
	29	7.6	2.27	8.1	2.40	8.3	2.47	8.5	2.52	8.7	2.57	8.9	2.65	9.2	2.72
	31	7.5	2.29	7.9	2.42	8.2	2.50	8.3	2.55	8.5	2.60	8.7	2.68	9.0	2.75
	33	7.3	2.32	7.8	2.45	8.0	2.52	8.2	2.57	8.3	2.63	8.6	2.70	8.8	2.78
	35	7.2	2.34	7.6	2.47	7.8	2.55	8.0	2.60	8.2	2.65	8.4	2.73	8.6	2.81
	37	7.1	2.35	7.4	2.48	7.7	2.56	7.8	2.64	8.0	2.67	8.2	2.74	8.5	2.82
	39	6.7	2.30	7.1	2.43	7.3	2.51	7.7	2.68	7.6	2.61	7.8	2.69	8.0	2.77
	41	6.4	2.26	6.7	2.38	6.9	2.46	7.5	2.73	7.2	2.56	7.4	2.64	7.6	2.71
	43	6.0	2.21	6.4	2.34	6.6	2.41	7.4	2.77	6.9	2.51	7.1	2.58	7.3	2.66
	45	5.7	2.15	6.1	2.27	6.3	2.34	7.2	2.81	6.5	2.43	6.7	2.50	6.9	2.58
	48	5.5	2.04	5.8	2.15	5.9	2.22	7.1	2.86	6.2	2.31	6.4	2.38	6.6	2.45
	50	5.2	1.88	5.5	1.98	5.6	2.04	6.9	2.91	5.9	2.13	6.1	2.19	6.2	2.25
	52	4.9	1.73	5.2	1.82	5.4	1.88	6.8	2.95	5.6	1.96	5.7	2.01	5.9	2.07
	55	4.7	1.59	4.9	1.68	5.1	1.73	6.7	3.00	5.3	1.80	5.5	1.85	5.6	1.91

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	5.0	0.91	5.3	0.96	5.5	0.99	5.6	1.01	5.7	1.03	5.8	1.06	6.0	1.09
	-2	4.9	0.92	5.2	0.97	5.3	1.00	5.5	1.02	5.6	1.04	5.7	1.07	5.9	1.10
	0	4.8	0.93	5.1	0.98	5.2	1.01	5.3	1.03	5.5	1.05	5.6	1.08	5.8	1.12
	2	4.7	0.94	5.0	0.99	5.1	1.02	5.2	1.04	5.3	1.06	5.5	1.10	5.7	1.13
	4	4.6	0.95	4.9	1.00	5.0	1.03	5.1	1.05	5.2	1.08	5.4	1.11	5.6	1.14
	6	4.5	0.96	4.8	1.01	4.9	1.04	5.0	1.06	5.1	1.09	5.3	1.12	5.4	1.15
	8	4.4	0.97	4.7	1.02	4.8	1.05	4.9	1.08	5.0	1.10	5.2	1.13	5.3	1.16
	10	6.0	1.28	6.3	1.36	6.5	1.40	6.6	1.43	6.7	1.46	6.9	1.50	7.1	1.54
	12	5.8	1.34	6.2	1.41	6.4	1.46	6.5	1.49	6.6	1.52	6.8	1.56	7.0	1.61
	14	5.7	1.39	6.0	1.47	6.2	1.52	6.4	1.55	6.5	1.58	6.7	1.63	6.9	1.67
	16	5.6	1.45	5.9	1.53	6.1	1.58	6.2	1.61	6.4	1.65	6.5	1.69	6.7	1.74
	18	6.5	1.63	6.9	1.72	7.1	1.77	7.2	1.81	7.4	1.84	7.6	1.90	7.8	1.95
	20	6.4	1.64	6.7	1.73	7.0	1.79	7.1	1.83	7.2	1.86	7.5	1.92	7.7	1.97
	21	6.3	1.66	6.6	1.75	6.8	1.81	7.0	1.84	7.1	1.88	7.3	1.94	7.5	1.99
	23	6.1	1.68	6.5	1.77	6.7	1.83	6.8	1.86	7.0	1.90	7.2	1.96	7.4	2.01
	25	6.0	1.69	6.4	1.79	6.6	1.84	6.7	1.88	6.8	1.92	7.0	1.98	7.2	2.03
	27	7.4	2.11	7.8	2.23	8.1	2.30	8.2	2.35	8.4	2.39	8.6	2.47	8.9	2.54
	29	7.3	2.13	7.7	2.25	7.9	2.32	8.1	2.37	8.2	2.42	8.5	2.49	8.7	2.56
	31	7.1	2.16	7.5	2.28	7.7	2.35	7.9	2.40	8.1	2.44	8.3	2.52	8.5	2.59
	33	7.0	2.18	7.4	2.30	7.6	2.37	7.8	2.42	7.9	2.47	8.1	2.54	8.4	2.61
	35	6.8	2.20	7.2	2.32	7.4	2.40	7.6	2.44	7.8	2.49	8.0	2.57	8.2	2.64
	37	6.7	2.21	7.1	2.33	7.3	2.41	7.4	2.46	7.6	2.51	7.8	2.58	8.0	2.65
	39	6.4	2.17	6.7	2.29	6.9	2.36	7.1	2.41	7.2	2.46	7.4	2.53	7.6	2.60
	41	6.0	2.12	6.4	2.24	6.6	2.31	6.7	2.36	6.9	2.41	7.1	2.48	7.3	2.55
	43	5.7	2.08	6.1	2.20	6.3	2.27	6.4	2.31	6.5	2.36	6.7	2.43	6.9	2.50
	45	5.5	2.02	5.8	2.13	5.9	2.20	6.1	2.24	6.2	2.29	6.4	2.35	6.6	2.42
	48	5.2	1.92	5.5	2.02	5.6	2.09	5.8	2.13	5.9	2.17	6.1	2.24	6.2	2.30
	50	4.9	1.76	5.2	1.86	5.4	1.92	5.5	1.96	5.6	2.00	5.7	2.06	5.9	2.12
	52	4.7	1.62	4.9	1.71	5.1	1.77	5.2	1.80	5.3	1.84	5.5	1.89	5.6	1.95
	55	4.4	1.49	4.7	1.58	4.8	1.63	4.9	1.66	5.0	1.69	5.2	1.74	5.3	1.79
80%	-5	4.5	0.82	4.8	0.87	4.9	0.90	5.0	0.92	5.1	0.93	5.3	0.96	5.4	0.99
	-2	4.4	0.83	4.7	0.88	4.8	0.91	4.9	0.92	5.0	0.94	5.2	0.97	5.3	1.00
	0	4.4	0.84	4.6	0.89	4.7	0.92	4.8	0.93	4.9	0.95	5.1	0.98	5.2	1.01
	2	4.3	0.85	4.5	0.90	4.7	0.92	4.7	0.94	4.8	0.96	5.0	0.99	5.1	1.02
	4	4.2	0.86	4.4	0.91	4.6	0.93	4.7	0.95	4.7	0.97	4.9	1.00	5.0	1.03
	6	4.1	0.87	4.3	0.91	4.5	0.94	4.6	0.96	4.7	0.98	4.8	1.01	4.9	1.04
	8	4.0	0.88	4.2	0.92	4.4	0.95	4.5	0.97	4.6	0.99	4.7	1.02	4.8	1.05
	10	5.4	1.16	5.7	1.23	5.9	1.26	6.0	1.29	6.1	1.32	6.3	1.35	6.5	1.39
	12	5.3	1.21	5.6	1.28	5.8	1.32	5.9	1.34	6.0	1.37	6.2	1.41	6.3	1.45
	14	5.2	1.26	5.5	1.33	5.6	1.37	5.8	1.40	5.9	1.43	6.0	1.47	6.2	1.51
	16	5.1	1.31	5.4	1.39	5.5	1.43	5.6	1.46	5.8	1.49	5.9	1.53	6.1	1.58
	18	5.9	1.47	6.2	1.55	6.4	1.60	6.6	1.63	6.7	1.67	6.9	1.72	7.1	1.77
	20	5.8	1.49	6.1	1.57	6.3	1.62	6.4	1.65	6.6	1.68	6.7	1.73	6.9	1.78
	21	5.7	1.50	6.0	1.58	6.2	1.63	6.3	1.67	6.4	1.70	6.6	1.75	6.8	1.80
	23	5.6	1.52	5.9	1.60	6.1	1.65	6.2	1.68	6.3	1.72	6.5	1.77	6.7	1.82
	25	5.4	1.53	5.8	1.62	5.9	1.67	6.1	1.70	6.2	1.74	6.4	1.79	6.5	1.84
	27	6.7	1.91	7.1	2.02	7.3	2.08	7.4	2.12	7.6	2.17	7.8	2.23	8.0	2.29
	29	6.6	1.93	6.9	2.04	7.2	2.10	7.3	2.14	7.4	2.19	7.7	2.25	7.9	2.32
	31	6.4	1.95	6.8	2.06	7.0	2.12	7.2	2.17	7.3	2.21	7.5	2.27	7.7	2.34
	33	6.3	1.97	6.7	2.08	6.9	2.14	7.0	2.19	7.2	2.23	7.4	2.30	7.6	2.36
	35	6.2	1.99	6.5	2.10	6.7	2.17	6.9	2.21	7.0	2.25	7.2	2.32	7.4	2.39
	37	6.1	2.00	6.4	2.11	6.6	2.18	6.7	2.22	6.9	2.27	7.1	2.33	7.3	2.40
	39	5.8	1.96	6.1	2.07	6.3	2.13	6.4	2.18	6.5	2.22	6.7	2.29	6.9	2.35
	41	5.5	1.92	5.8	2.03	6.0	2.09	6.1	2.13	6.2	2.18	6.4	2.24	6.6	2.30
	43	5.2	1.88	5.5	1.99	5.7	2.05	5.8	2.09	5.9	2.13	6.1	2.19	6.2	2.26
	45	4.9	1.82	5.2	1.93	5.4	1.99	5.5	2.03	5.6	2.07	5.8	2.13	5.9	2.19
	48	4.7	1.73	5.0	1.83	5.1	1.89	5.2	1.93	5.3	1.96	5.5	2.02	5.6	2.08
	50	4.5	1.60	4.7	1.68	4.9	1.74	5.0	1.77	5.1	1.81	5.2	1.86	5.4	1.91
	52	4.2	1.47	4.5	1.55	4.6	1.60	4.7	1.63	4.8	1.66	4.9	1.71	5.1	1.76
	55	4.0	1.35	4.2	1.43	4.4	1.47	4.5	1.50	4.6	1.53	4.7	1.58	4.8	1.62

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	-5	4.1	0.74	4.3	0.78	4.4	0.80	4.5	0.82	4.6	0.83	4.7	0.86	4.9	0.88
	-2	4.0	0.74	4.2	0.79	4.3	0.81	4.4	0.83	4.5	0.84	4.6	0.87	4.8	0.89
	0	3.9	0.75	4.1	0.79	4.2	0.82	4.3	0.84	4.4	0.85	4.6	0.88	4.7	0.90
	2	3.8	0.76	4.0	0.80	4.2	0.83	4.2	0.84	4.3	0.86	4.5	0.89	4.6	0.91
	4	3.7	0.77	4.0	0.81	4.1	0.84	4.2	0.85	4.2	0.87	4.4	0.89	4.5	0.92
	6	3.7	0.77	3.9	0.82	4.0	0.84	4.1	0.86	4.2	0.88	4.3	0.90	4.4	0.93
	8	3.6	0.78	3.8	0.83	3.9	0.85	4.0	0.87	4.1	0.89	4.2	0.91	4.3	0.94
	10	4.8	1.04	5.1	1.10	5.3	1.13	5.4	1.15	5.5	1.18	5.6	1.21	5.8	1.25
	12	4.7	1.08	5.0	1.14	5.2	1.18	5.3	1.20	5.4	1.23	5.5	1.26	5.7	1.30
	14	4.6	1.13	4.9	1.19	5.0	1.23	5.2	1.25	5.3	1.28	5.4	1.31	5.6	1.35
	16	4.5	1.17	4.8	1.24	5.0	1.28	5.1	1.30	5.2	1.33	5.3	1.37	5.5	1.41
	18	5.3	1.32	5.6	1.39	5.8	1.43	5.9	1.46	6.0	1.49	6.2	1.53	6.3	1.58
	20	5.2	1.33	5.5	1.40	5.6	1.45	5.8	1.48	5.9	1.51	6.0	1.55	6.2	1.59
	21	5.1	1.34	5.4	1.42	5.5	1.46	5.6	1.49	5.8	1.52	5.9	1.57	6.1	1.61
	23	5.0	1.36	5.3	1.43	5.4	1.48	5.5	1.51	5.6	1.54	5.8	1.58	6.0	1.63
	25	4.9	1.37	5.1	1.45	5.3	1.49	5.4	1.52	5.5	1.55	5.7	1.60	5.9	1.64
	27	6.0	1.71	6.3	1.80	6.5	1.86	6.7	1.90	6.8	1.94	7.0	1.99	7.2	2.05
	29	5.9	1.73	6.2	1.82	6.4	1.88	6.5	1.92	6.7	1.96	6.9	2.01	7.1	2.07
	31	5.8	1.74	6.1	1.84	6.3	1.90	6.4	1.94	6.5	1.98	6.7	2.03	6.9	2.09
	33	5.7	1.76	6.0	1.86	6.2	1.92	6.3	1.96	6.4	2.00	6.6	2.05	6.8	2.11
	35	5.5	1.78	5.9	1.88	6.0	1.94	6.2	1.98	6.3	2.02	6.5	2.07	6.7	2.13
	37	5.4	1.79	5.7	1.89	5.9	1.95	6.0	1.99	6.2	2.03	6.3	2.09	6.5	2.14
	39	5.3	1.80	5.6	1.90	5.8	1.96	5.9	2.00	6.0	2.04	6.2	2.10	6.4	2.16
	41	5.2	1.81	5.5	1.91	5.7	1.97	5.8	2.01	5.9	2.05	6.1	2.11	6.3	2.17
	43	5.1	1.81	5.4	1.92	5.6	1.98	5.7	2.02	5.8	2.06	6.0	2.12	6.1	2.18
	45	5.0	1.82	5.3	1.92	5.5	1.99	5.6	2.03	5.7	2.07	5.8	2.13	6.0	2.19
	48	4.9	1.83	5.2	1.93	5.3	2.00	5.5	2.04	5.6	2.08	5.7	2.14	5.9	2.20
	50	4.8	1.84	5.1	1.94	5.2	2.01	5.3	2.05	5.5	2.09	5.6	2.15	5.8	2.21
	52	4.7	1.85	5.0	1.95	5.1	2.02	5.2	2.06	5.3	2.10	5.5	2.16	5.7	2.22
	55	4.6	1.86	4.9	1.96	5.0	2.03	5.1	2.07	5.2	2.11	5.4	2.17	5.5	2.23
60%	-5	3.6	0.65	3.8	0.69	3.9	0.71	4.0	0.72	4.1	0.74	4.2	0.76	4.3	0.78
	-2	3.5	0.66	3.7	0.69	3.8	0.71	3.9	0.73	4.0	0.74	4.1	0.77	4.2	0.79
	0	3.4	0.66	3.6	0.70	3.8	0.72	3.8	0.74	3.9	0.75	4.0	0.77	4.1	0.80
	2	3.4	0.67	3.6	0.71	3.7	0.73	3.8	0.74	3.8	0.76	3.9	0.78	4.1	0.80
	4	3.3	0.68	3.5	0.71	3.6	0.74	3.7	0.75	3.8	0.77	3.9	0.79	4.0	0.81
	6	3.2	0.68	3.4	0.72	3.5	0.74	3.6	0.76	3.7	0.77	3.8	0.80	3.9	0.82
	8	3.2	0.69	3.4	0.73	3.5	0.75	3.5	0.77	3.6	0.78	3.7	0.80	3.8	0.83
	10	4.3	0.92	4.5	0.97	4.6	1.00	4.7	1.02	4.8	1.04	5.0	1.07	5.1	1.10
	12	4.2	0.95	4.4	1.01	4.5	1.04	4.6	1.06	4.7	1.08	4.9	1.11	5.0	1.14
	14	4.1	0.99	4.3	1.05	4.5	1.08	4.6	1.10	4.6	1.13	4.8	1.16	4.9	1.19
	16	4.0	1.03	4.2	1.09	4.4	1.13	4.5	1.15	4.6	1.17	4.7	1.21	4.8	1.24
	18	4.7	1.16	4.9	1.22	5.1	1.26	5.2	1.29	5.3	1.31	5.4	1.35	5.6	1.39
	20	4.6	1.17	4.8	1.24	5.0	1.28	5.1	1.30	5.2	1.33	5.3	1.37	5.5	1.41
	21	4.5	1.18	4.7	1.25	4.9	1.29	5.0	1.31	5.1	1.34	5.2	1.38	5.4	1.42
	23	4.4	1.20	4.6	1.26	4.8	1.30	4.9	1.33	5.0	1.35	5.1	1.39	5.3	1.43
	25	4.3	1.21	4.5	1.27	4.7	1.31	4.8	1.34	4.9	1.37	5.0	1.41	5.2	1.45
	27	5.3	1.51	5.6	1.59	5.8	1.64	5.9	1.67	6.0	1.71	6.2	1.76	6.4	1.81
	29	5.2	1.52	5.5	1.61	5.7	1.66	5.8	1.69	5.9	1.72	6.1	1.77	6.2	1.83
	31	5.1	1.54	5.4	1.62	5.5	1.67	5.7	1.71	5.8	1.74	5.9	1.79	6.1	1.84
	33	5.0	1.55	5.3	1.64	5.4	1.69	5.5	1.72	5.7	1.76	5.8	1.81	6.0	1.86
	35	4.9	1.57	5.2	1.65	5.3	1.71	5.4	1.74	5.5	1.78	5.7	1.83	5.9	1.88
	37	4.8	1.58	5.1	1.66	5.2	1.72	5.3	1.75	5.4	1.79	5.6	1.84	5.8	1.89
	39	4.7	1.58	5.0	1.67	5.1	1.72	5.2	1.76	5.3	1.79	5.5	1.85	5.6	1.90
	41	4.6	1.59	4.9	1.68	5.0	1.73	5.1	1.77	5.2	1.80	5.4	1.86	5.5	1.91
	43	4.5	1.60	4.8	1.69	4.9	1.74	5.0	1.78	5.1	1.81	5.3	1.87	5.4	1.92
	45	4.4	1.61	4.7	1.70	4.8	1.75	4.9	1.79	5.0	1.82	5.2	1.88	5.3	1.93
	48	4.3	1.62	4.6	1.71	4.7	1.76	4.8	1.79	4.9	1.83	5.1	1.88	5.2	1.94
	50	4.3	1.62	4.5	1.71	4.6	1.77	4.7	1.80	4.8	1.84	5.0	1.89	5.1	1.95
	52	4.2	1.63	4.4	1.72	4.5	1.78	4.6	1.81	4.7	1.85	4.9	1.90	5.0	1.96
	55	4.1	1.64	4.3	1.73	4.4	1.79	4.5	1.82	4.6	1.86	4.8	1.91	4.9	1.97

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	3.1	0.56	3.3	0.59	3.4	0.61	3.5	0.62	3.5	0.64	3.6	0.66	3.7	0.67
	-2	3.0	0.57	3.2	0.60	3.3	0.62	3.4	0.63	3.5	0.64	3.6	0.66	3.7	0.68
	0	3.0	0.57	3.2	0.61	3.3	0.62	3.3	0.64	3.4	0.65	3.5	0.67	3.6	0.69
	2	2.9	0.58	3.1	0.61	3.2	0.63	3.3	0.64	3.3	0.66	3.4	0.68	3.5	0.70
	4	2.9	0.59	3.0	0.62	3.1	0.64	3.2	0.65	3.3	0.66	3.4	0.68	3.4	0.70
	6	2.8	0.59	3.0	0.62	3.1	0.64	3.1	0.66	3.2	0.67	3.3	0.69	3.4	0.71
	8	2.8	0.60	2.9	0.63	3.0	0.65	3.1	0.66	3.1	0.68	3.2	0.70	3.3	0.72
	10	3.7	0.79	3.9	0.84	4.0	0.86	4.1	0.88	4.2	0.90	4.3	0.92	4.4	0.95
	12	3.6	0.83	3.8	0.87	3.9	0.90	4.0	0.92	4.1	0.94	4.2	0.96	4.3	0.99
	14	3.6	0.86	3.8	0.91	3.9	0.94	3.9	0.96	4.0	0.97	4.1	1.00	4.3	1.03
	16	3.5	0.90	3.7	0.95	3.8	0.98	3.9	1.00	3.9	1.02	4.1	1.05	4.2	1.07
	18	4.0	1.00	4.3	1.06	4.4	1.09	4.5	1.12	4.6	1.14	4.7	1.17	4.9	1.20
	20	4.0	1.01	4.2	1.07	4.3	1.10	4.4	1.13	4.5	1.15	4.6	1.18	4.8	1.22
	21	3.9	1.02	4.1	1.08	4.2	1.12	4.3	1.14	4.4	1.16	4.5	1.19	4.7	1.23
	23	3.8	1.03	4.0	1.09	4.2	1.13	4.2	1.15	4.3	1.17	4.4	1.21	4.6	1.24
	25	3.7	1.05	3.9	1.10	4.1	1.14	4.2	1.16	4.2	1.18	4.4	1.22	4.5	1.25
	27	4.6	1.30	4.9	1.38	5.0	1.42	5.1	1.45	5.2	1.48	5.4	1.52	5.5	1.56
	29	4.5	1.32	4.8	1.39	4.9	1.43	5.0	1.46	5.1	1.49	5.3	1.54	5.4	1.58
	31	4.4	1.33	4.7	1.40	4.8	1.45	4.9	1.48	5.0	1.51	5.2	1.55	5.3	1.60
	33	4.3	1.34	4.6	1.42	4.7	1.46	4.8	1.49	4.9	1.52	5.1	1.57	5.2	1.61
	35	4.2	1.36	4.5	1.43	4.6	1.48	4.7	1.51	4.8	1.54	5.0	1.58	5.1	1.63
	37	4.2	1.36	4.4	1.44	4.5	1.49	4.6	1.52	4.7	1.55	4.9	1.59	5.0	1.64
	39	4.1	1.37	4.3	1.45	4.4	1.49	4.5	1.52	4.6	1.55	4.8	1.60	4.9	1.64
	41	4.0	1.38	4.2	1.45	4.4	1.50	4.4	1.53	4.5	1.56	4.7	1.61	4.8	1.65
	43	3.9	1.38	4.1	1.46	4.3	1.51	4.4	1.54	4.4	1.57	4.6	1.62	4.7	1.66
	45	3.8	1.39	4.1	1.47	4.2	1.52	4.3	1.55	4.4	1.58	4.5	1.62	4.6	1.67
	48	3.8	1.40	4.0	1.48	4.1	1.52	4.2	1.55	4.3	1.58	4.4	1.63	4.5	1.68
	50	3.7	1.41	3.9	1.48	4.0	1.53	4.1	1.56	4.2	1.59	4.3	1.64	4.4	1.69
	52	3.6	1.41	3.8	1.49	3.9	1.54	4.0	1.57	4.1	1.60	4.2	1.65	4.3	1.69
	55	3.5	1.42	3.7	1.50	3.9	1.55	3.9	1.58	4.0	1.61	4.1	1.66	4.3	1.70

CHV-DH100W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	7.0	1.16	7.4	1.23	7.7	1.27	7.8	1.29	8.0	1.32	8.2	1.36	8.5	1.40
	-2	6.9	1.17	7.3	1.24	7.5	1.28	7.7	1.31	7.8	1.33	8.1	1.37	8.3	1.41
	0	6.8	1.19	7.2	1.25	7.4	1.29	7.5	1.32	7.7	1.35	7.9	1.38	8.1	1.42
	2	6.6	1.20	7.0	1.27	7.2	1.31	7.4	1.33	7.5	1.36	7.7	1.40	8.0	1.44
	4	6.5	1.21	6.9	1.28	7.1	1.32	7.2	1.35	7.4	1.37	7.6	1.41	7.8	1.45
	6	6.4	1.22	6.7	1.29	7.0	1.33	7.1	1.36	7.2	1.39	7.4	1.43	7.7	1.47
	8	6.3	1.24	6.6	1.30	6.8	1.35	7.0	1.37	7.1	1.40	7.3	1.44	7.5	1.48
	10	8.4	1.64	8.8	1.73	9.1	1.79	9.3	1.82	9.5	1.86	9.8	1.91	10.1	1.97
	12	8.2	1.71	8.7	1.80	8.9	1.86	9.1	1.90	9.3	1.94	9.6	1.99	9.9	2.05
	14	8.1	1.78	8.5	1.88	8.8	1.94	8.9	1.98	9.1	2.02	9.4	2.08	9.7	2.13
	16	7.9	1.85	8.3	1.96	8.6	2.02	8.8	2.06	8.9	2.10	9.2	2.16	9.5	2.22
	18	9.2	2.08	9.7	2.19	10.0	2.26	10.2	2.31	10.4	2.35	10.7	2.42	11.0	2.49
	20	9.0	2.10	9.5	2.21	9.8	2.28	10.0	2.33	10.2	2.38	10.5	2.45	10.8	2.52
	21	8.8	2.12	9.3	2.24	9.6	2.31	9.8	2.35	10.0	2.40	10.3	2.47	10.6	2.54
	23	8.6	2.14	9.1	2.26	9.4	2.33	9.6	2.38	9.8	2.43	10.1	2.50	10.4	2.57
	25	8.5	2.16	8.9	2.28	9.2	2.35	9.4	2.40	9.6	2.45	9.9	2.52	10.2	2.59
	27	10.4	2.70	11.0	2.85	11.4	2.94	11.6	3.00	11.8	3.06	12.2	3.15	12.5	3.24
	29	10.2	2.72	10.8	2.88	11.1	2.97	11.4	3.03	11.6	3.09	11.9	3.18	12.3	3.27
	31	10.0	2.75	10.6	2.91	10.9	3.00	11.1	3.06	11.4	3.12	11.7	3.21	12.0	3.30
	33	9.8	2.78	10.4	2.93	10.7	3.03	10.9	3.09	11.1	3.15	11.5	3.24	11.8	3.34
	35	9.6	2.81	10.2	2.96	10.5	3.06	10.7	3.12	10.9	3.18	11.2	3.28	11.6	3.37
	37	9.4	2.82	10.0	2.98	10.3	3.07	10.5	3.14	10.7	3.20	11.0	3.29	11.3	3.39
	39	9.0	2.77	9.5	2.92	9.8	3.01	10.0	3.07	10.2	3.13	10.5	3.23	10.8	3.32
	41	8.5	2.71	9.0	2.86	9.3	2.95	9.5	3.01	9.7	3.07	9.9	3.16	10.2	3.25
	43	8.1	2.66	8.5	2.80	8.8	2.89	9.0	2.95	9.2	3.01	9.4	3.10	9.7	3.19
	45	7.7	2.58	8.1	2.72	8.4	2.81	8.5	2.86	8.7	2.92	9.0	3.01	9.2	3.09
	48	7.3	2.45	7.7	2.58	8.0	2.67	8.1	2.72	8.3	2.77	8.5	2.86	8.8	2.94
	50	6.9	2.25	7.3	2.38	7.6	2.45	7.7	2.50	7.9	2.55	8.1	2.63	8.3	2.70
	52	6.6	2.07	7.0	2.19	7.2	2.26	7.3	2.30	7.5	2.35	7.7	2.42	7.9	2.49
	55	6.3	1.91	6.6	2.01	6.8	2.08	7.0	2.12	7.1	2.16	7.3	2.22	7.5	2.29
120%	-5	6.9	1.15	7.3	1.22	7.5	1.25	7.7	1.28	7.8	1.31	8.1	1.34	8.3	1.38
	-2	6.8	1.16	7.2	1.23	7.4	1.27	7.5	1.29	7.7	1.32	7.9	1.36	8.1	1.40
	0	6.6	1.18	7.0	1.24	7.2	1.28	7.4	1.31	7.5	1.33	7.8	1.37	8.0	1.41
	2	6.5	1.19	6.9	1.25	7.1	1.29	7.2	1.32	7.4	1.35	7.6	1.39	7.8	1.42
	4	6.4	1.20	6.7	1.27	7.0	1.31	7.1	1.33	7.2	1.36	7.5	1.40	7.7	1.44
	6	6.3	1.21	6.6	1.28	6.8	1.32	7.0	1.35	7.1	1.37	7.3	1.41	7.5	1.45
	8	6.1	1.22	6.5	1.29	6.7	1.33	6.8	1.36	7.0	1.39	7.2	1.43	7.4	1.47
	10	8.2	1.62	8.7	1.71	9.0	1.77	9.1	1.80	9.3	1.84	9.6	1.89	9.9	1.95
	12	8.1	1.69	8.5	1.79	8.8	1.84	9.0	1.88	9.1	1.92	9.4	1.97	9.7	2.03
	14	7.9	1.76	8.3	1.86	8.6	1.92	8.8	1.96	9.0	2.00	9.2	2.06	9.5	2.11
	16	7.7	1.84	8.2	1.94	8.4	2.00	8.6	2.04	8.8	2.08	9.0	2.14	9.3	2.20
	18	9.0	2.06	9.5	2.17	9.8	2.24	10.0	2.29	10.2	2.33	10.5	2.40	10.8	2.47
	20	8.8	2.08	9.3	2.19	9.6	2.26	9.8	2.31	10.0	2.35	10.3	2.42	10.6	2.49
	21	8.7	2.10	9.1	2.22	9.4	2.29	9.6	2.33	9.8	2.38	10.1	2.45	10.4	2.52
	23	8.5	2.12	9.0	2.24	9.2	2.31	9.4	2.36	9.6	2.40	9.9	2.47	10.2	2.54
	25	8.3	2.14	8.8	2.26	9.1	2.33	9.2	2.38	9.4	2.43	9.7	2.50	10.0	2.57
	27	10.2	2.67	10.8	2.82	11.1	2.91	11.4	2.97	11.6	3.03	11.9	3.12	12.3	3.21
	29	10.0	2.70	10.6	2.85	10.9	2.94	11.1	3.00	11.4	3.06	11.7	3.15	12.0	3.24
	31	9.8	2.73	10.4	2.88	10.7	2.97	10.9	3.03	11.1	3.09	11.5	3.18	11.8	3.27
	33	9.6	2.75	10.2	2.91	10.5	3.00	10.7	3.06	10.9	3.12	11.2	3.21	11.6	3.30
	35	9.5	2.78	10.0	2.94	10.3	3.03	10.5	3.09	10.7	3.15	11.0	3.24	11.3	3.34
	37	9.3	2.79	9.8	2.95	10.1	3.04	10.3	3.11	10.5	3.17	10.8	3.26	11.1	3.35
	39	8.8	2.74	9.3	2.89	9.6	2.98	9.8	3.04	10.0	3.10	10.3	3.20	10.6	3.29
	41	8.4	2.68	8.8	2.83	9.1	2.92	9.3	2.98	9.5	3.04	9.8	3.13	10.0	3.22
	43	7.9	2.63	8.4	2.78	8.6	2.86	8.8	2.92	9.0	2.98	9.3	3.07	9.5	3.16
	45	7.5	2.55	8.0	2.69	8.2	2.78	8.4	2.84	8.5	2.89	8.8	2.98	9.1	3.06
	48	7.2	2.42	7.6	2.56	7.8	2.64	8.0	2.69	8.1	2.75	8.4	2.83	8.6	2.91
	50	6.8	2.23	7.2	2.35	7.4	2.43	7.6	2.48	7.7	2.53	7.9	2.60	8.2	2.68
	52	6.5	2.05	6.8	2.17	7.0	2.23	7.2	2.28	7.3	2.33	7.5	2.39	7.8	2.46
	55	6.1	1.89	6.5	1.99	6.7	2.06	6.8	2.10	7.0	2.14	7.2	2.20	7.4	2.27

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
110%	-5	6.8	1.14	7.2	1.20	7.4	1.24	7.5	1.27	7.7	1.29	7.9	1.33	8.1	1.37
	-2	6.7	1.15	7.0	1.22	7.2	1.25	7.4	1.28	7.5	1.31	7.8	1.34	8.0	1.38
	0	6.5	1.16	6.9	1.23	7.1	1.27	7.2	1.29	7.4	1.32	7.6	1.36	7.8	1.40
	2	6.4	1.18	6.7	1.24	7.0	1.28	7.1	1.31	7.2	1.33	7.5	1.37	7.7	1.41
	4	6.3	1.19	6.6	1.25	6.8	1.29	7.0	1.32	7.1	1.35	7.3	1.39	7.5	1.43
	6	6.1	1.20	6.5	1.27	6.7	1.31	6.8	1.33	7.0	1.36	7.2	1.40	7.4	1.44
	8	6.0	1.21	6.4	1.28	6.6	1.32	6.7	1.35	6.8	1.37	7.0	1.41	7.2	1.45
	10	8.1	1.61	8.5	1.70	8.8	1.75	9.0	1.79	9.1	1.82	9.4	1.88	9.7	1.93
	12	7.9	1.68	8.3	1.77	8.6	1.82	8.8	1.86	9.0	1.90	9.2	1.95	9.5	2.01
	14	7.8	1.74	8.2	1.84	8.4	1.90	8.6	1.94	8.8	1.98	9.0	2.04	9.3	2.09
	16	7.6	1.82	8.0	1.92	8.3	1.98	8.4	2.02	8.6	2.06	8.9	2.12	9.1	2.18
	18	8.8	2.04	9.3	2.15	9.6	2.22	9.8	2.26	10.0	2.31	10.3	2.38	10.6	2.44
	20	8.7	2.06	9.1	2.17	9.4	2.24	9.6	2.29	9.8	2.33	10.1	2.40	10.4	2.47
	21	8.5	2.08	9.0	2.19	9.2	2.26	9.4	2.31	9.6	2.36	9.9	2.42	10.2	2.49
	23	8.3	2.10	8.8	2.22	9.1	2.29	9.2	2.33	9.4	2.38	9.7	2.45	10.0	2.52
	25	8.2	2.12	8.6	2.24	8.9	2.31	9.1	2.36	9.2	2.40	9.5	2.47	9.8	2.54
	27	10.0	2.65	10.6	2.79	10.9	2.88	11.1	2.94	11.4	3.00	11.7	3.09	12.0	3.17
	29	9.8	2.67	10.4	2.82	10.7	2.91	10.9	2.97	11.1	3.03	11.5	3.12	11.8	3.21
	31	9.6	2.70	10.2	2.85	10.5	2.94	10.7	3.00	10.9	3.06	11.3	3.15	11.6	3.24
	33	9.5	2.73	10.0	2.88	10.3	2.97	10.5	3.03	10.7	3.09	11.0	3.18	11.3	3.27
	35	9.3	2.75	9.8	2.91	10.1	3.00	10.3	3.06	10.5	3.12	10.8	3.21	11.1	3.30
	37	9.1	2.77	9.6	2.92	9.9	3.01	10.1	3.08	10.3	3.14	10.6	3.23	10.9	3.32
	39	8.6	2.71	9.1	2.86	9.4	2.95	9.6	3.01	9.8	3.07	10.1	3.16	10.4	3.25
	41	8.2	2.66	8.7	2.81	8.9	2.89	9.1	2.95	9.3	3.01	9.6	3.10	9.8	3.19
	43	7.8	2.61	8.2	2.75	8.5	2.84	8.7	2.89	8.8	2.95	9.1	3.04	9.3	3.13
	45	7.4	2.53	7.8	2.67	8.1	2.75	8.2	2.81	8.4	2.86	8.6	2.95	8.9	3.03
	48	7.0	2.40	7.4	2.53	7.7	2.61	7.8	2.67	8.0	2.72	8.2	2.80	8.4	2.88
	50	6.7	2.21	7.0	2.33	7.3	2.40	7.4	2.45	7.6	2.50	7.8	2.58	8.0	2.65
	52	6.3	2.03	6.7	2.14	6.9	2.21	7.0	2.26	7.2	2.30	7.4	2.37	7.6	2.44
	55	6.0	1.87	6.4	1.97	6.6	2.04	6.7	2.08	6.8	2.12	7.0	2.18	7.2	2.24
100%	-5	6.6	1.12	7.0	1.18	7.2	1.22	7.3	1.24	7.5	1.27	7.7	1.30	7.9	1.34
	-2	6.5	1.13	6.8	1.19	7.0	1.23	7.2	1.26	7.3	1.28	7.5	1.32	7.8	1.36
	0	6.3	1.14	6.7	1.20	6.9	1.24	7.0	1.27	7.2	1.29	7.4	1.33	7.6	1.37
	2	6.2	1.15	6.6	1.22	6.8	1.26	6.9	1.28	7.0	1.31	7.2	1.34	7.4	1.38
	4	6.1	1.16	6.4	1.23	6.6	1.27	6.8	1.29	6.9	1.32	7.1	1.36	7.3	1.40
	6	6.0	1.18	6.3	1.24	6.5	1.28	6.6	1.31	6.8	1.33	7.0	1.37	7.2	1.41
	8	5.9	1.19	6.2	1.25	6.4	1.29	6.5	1.32	6.6	1.35	6.8	1.39	7.0	1.43
	10	7.8	1.58	8.3	1.66	8.5	1.72	8.7	1.75	8.9	1.79	9.1	1.84	9.4	1.89
	12	7.7	1.64	8.1	1.73	8.4	1.79	8.5	1.82	8.7	1.86	9.0	1.92	9.2	1.97
	14	7.5	1.71	7.9	1.81	8.2	1.86	8.4	1.90	8.5	1.94	8.8	2.00	9.0	2.05
	16	7.4	1.78	7.8	1.88	8.0	1.94	8.2	1.98	8.4	2.02	8.6	2.08	8.9	2.14
	18	8.6	2.00	9.0	2.11	9.3	2.17	9.5	2.22	9.7	2.26	10.0	2.33	10.3	2.40
	20	8.4	2.02	8.9	2.13	9.2	2.20	9.3	2.24	9.5	2.29	9.8	2.35	10.1	2.42
	21	8.2	2.04	8.7	2.15	9.0	2.22	9.2	2.26	9.3	2.31	9.6	2.38	9.9	2.45
	23	8.1	2.06	8.5	2.17	8.8	2.24	9.0	2.29	9.2	2.33	9.4	2.40	9.7	2.47
	25	7.9	2.08	8.4	2.19	8.6	2.26	8.8	2.31	9.0	2.36	9.2	2.43	9.5	2.49
	27	9.7	2.59	10.3	2.74	10.6	2.82	10.8	2.88	11.0	2.94	11.4	3.03	11.7	3.11
	29	9.6	2.62	10.1	2.77	10.4	2.85	10.6	2.91	10.8	2.97	11.1	3.06	11.5	3.14
	31	9.4	2.65	9.9	2.79	10.2	2.88	10.4	2.94	10.6	3.00	10.9	3.09	11.2	3.18
	33	9.2	2.67	9.7	2.82	10.0	2.91	10.2	2.97	10.4	3.03	10.7	3.12	11.0	3.21
	35	9.0	2.70	9.5	2.85	9.8	2.94	10.0	3.00	10.2	3.06	10.5	3.15	10.8	3.24
	37	8.8	2.71	9.3	2.86	9.6	2.95	9.8	3.05	10.0	3.08	10.3	3.17	10.6	3.26
	39	8.4	2.66	8.8	2.81	9.1	2.90	9.6	3.10	9.5	3.01	9.8	3.10	10.1	3.19
	41	8.0	2.61	8.4	2.75	8.7	2.84	9.4	3.15	9.0	2.95	9.3	3.04	9.6	3.13
	43	7.6	2.55	8.0	2.70	8.2	2.78	9.2	3.20	8.6	2.89	8.8	2.98	9.1	3.06
	45	7.2	2.48	7.6	2.61	7.8	2.70	9.0	3.25	8.1	2.81	8.4	2.89	8.6	2.97
	48	6.8	2.35	7.2	2.48	7.4	2.56	8.9	3.30	7.7	2.67	8.0	2.75	8.2	2.82
	50	6.5	2.17	6.8	2.29	7.1	2.36	8.7	3.35	7.3	2.45	7.6	2.53	7.8	2.60
	52	6.2	1.99	6.5	2.10	6.7	2.17	8.5	3.41	7.0	2.26	7.2	2.32	7.4	2.39
	55	5.9	1.83	6.2	1.93	6.4	2.00	8.3	3.46	6.6	2.08	6.8	2.14	7.0	2.20

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	6.3	1.05	6.6	1.11	6.8	1.14	7.0	1.17	7.1	1.19	7.3	1.23	7.5	1.26
	-2	6.1	1.06	6.5	1.12	6.7	1.16	6.8	1.18	7.0	1.20	7.2	1.24	7.4	1.27
	0	6.0	1.07	6.3	1.13	6.6	1.17	6.7	1.19	6.8	1.22	7.0	1.25	7.2	1.29
	2	5.9	1.08	6.2	1.14	6.4	1.18	6.6	1.20	6.7	1.23	6.9	1.26	7.1	1.30
	4	5.8	1.09	6.1	1.16	6.3	1.19	6.4	1.22	6.6	1.24	6.7	1.28	6.9	1.31
	6	5.7	1.11	6.0	1.17	6.2	1.20	6.3	1.23	6.4	1.25	6.6	1.29	6.8	1.33
	8	5.6	1.12	5.9	1.18	6.1	1.22	6.2	1.24	6.3	1.27	6.5	1.30	6.7	1.34
	10	7.4	1.48	7.9	1.56	8.1	1.61	8.3	1.65	8.4	1.68	8.7	1.73	8.9	1.78
	12	7.3	1.54	7.7	1.63	7.9	1.68	8.1	1.72	8.3	1.75	8.5	1.80	8.8	1.85
	14	7.2	1.61	7.5	1.70	7.8	1.75	7.9	1.79	8.1	1.82	8.3	1.88	8.6	1.93
	16	7.0	1.68	7.4	1.77	7.6	1.82	7.8	1.86	7.9	1.90	8.2	1.95	8.4	2.01
	18	8.1	1.88	8.6	1.98	8.9	2.04	9.0	2.09	9.2	2.13	9.5	2.19	9.8	2.25
	20	8.0	1.90	8.4	2.00	8.7	2.06	8.9	2.11	9.0	2.15	9.3	2.21	9.6	2.28
	21	7.8	1.92	8.3	2.02	8.5	2.09	8.7	2.13	8.9	2.17	9.1	2.23	9.4	2.30
	23	7.7	1.93	8.1	2.04	8.4	2.11	8.5	2.15	8.7	2.19	9.0	2.26	9.2	2.32
	25	7.5	1.95	7.9	2.06	8.2	2.13	8.4	2.17	8.5	2.21	8.8	2.28	9.0	2.35
	27	9.3	2.44	9.8	2.57	10.1	2.65	10.3	2.71	10.5	2.76	10.8	2.84	11.1	2.93
	29	9.1	2.46	9.6	2.60	9.9	2.68	10.1	2.74	10.3	2.79	10.6	2.87	10.9	2.96
	31	8.9	2.49	9.4	2.63	9.7	2.71	9.9	2.76	10.1	2.82	10.4	2.90	10.7	2.98
	33	8.7	2.51	9.2	2.65	9.5	2.74	9.7	2.79	9.9	2.85	10.2	2.93	10.5	3.02
	35	8.6	2.54	9.0	2.68	9.3	2.76	9.5	2.82	9.7	2.88	10.0	2.96	10.3	3.05
	37	8.4	2.55	8.8	2.69	9.1	2.78	9.3	2.83	9.5	2.89	9.8	2.98	10.1	3.06
	39	8.0	2.50	8.4	2.64	8.7	2.72	8.8	2.78	9.0	2.83	9.3	2.92	9.6	3.00
	41	7.6	2.45	8.0	2.59	8.2	2.67	8.4	2.72	8.6	2.78	8.8	2.86	9.1	2.94
	43	7.2	2.40	7.6	2.53	7.8	2.61	8.0	2.67	8.1	2.72	8.4	2.80	8.6	2.88
	45	6.8	2.33	7.2	2.46	7.4	2.54	7.6	2.59	7.7	2.64	8.0	2.72	8.2	2.79
	48	6.5	2.21	6.8	2.34	7.1	2.41	7.2	2.46	7.3	2.51	7.6	2.58	7.8	2.65
	50	6.2	2.04	6.5	2.15	6.7	2.22	6.8	2.26	7.0	2.31	7.2	2.37	7.4	2.44
	52	5.9	1.87	6.2	1.98	6.4	2.04	6.5	2.08	6.6	2.12	6.8	2.18	7.0	2.25
	55	5.6	1.72	5.9	1.82	6.1	1.88	6.2	1.91	6.3	1.95	6.5	2.01	6.7	2.07
80%	-5	5.7	0.95	6.0	1.00	6.2	1.04	6.3	1.06	6.4	1.08	6.6	1.11	6.8	1.14
	-2	5.6	0.96	5.9	1.01	6.0	1.05	6.2	1.07	6.3	1.09	6.5	1.12	6.7	1.15
	0	5.4	0.97	5.7	1.02	5.9	1.06	6.1	1.08	6.2	1.10	6.4	1.13	6.5	1.16
	2	5.3	0.98	5.6	1.03	5.8	1.07	5.9	1.09	6.1	1.11	6.2	1.14	6.4	1.18
	4	5.2	0.99	5.5	1.04	5.7	1.08	5.8	1.10	5.9	1.12	6.1	1.15	6.3	1.19
	6	5.1	1.00	5.4	1.06	5.6	1.09	5.7	1.11	5.8	1.13	6.0	1.17	6.2	1.20
	8	5.0	1.01	5.3	1.07	5.5	1.10	5.6	1.12	5.7	1.14	5.9	1.18	6.0	1.21
	10	6.7	1.34	7.1	1.41	7.3	1.46	7.5	1.49	7.6	1.52	7.9	1.56	8.1	1.61
	12	6.6	1.40	7.0	1.47	7.2	1.52	7.3	1.55	7.5	1.58	7.7	1.63	7.9	1.68
	14	6.5	1.45	6.8	1.53	7.0	1.58	7.2	1.62	7.3	1.65	7.6	1.70	7.8	1.74
	16	6.3	1.51	6.7	1.60	6.9	1.65	7.1	1.68	7.2	1.72	7.4	1.77	7.6	1.82
	18	7.4	1.70	7.8	1.79	8.0	1.85	8.2	1.89	8.4	1.92	8.6	1.98	8.8	2.04
	20	7.2	1.71	7.6	1.81	7.9	1.87	8.0	1.91	8.2	1.94	8.4	2.00	8.7	2.06
	21	7.1	1.73	7.5	1.83	7.7	1.89	7.9	1.92	8.0	1.96	8.3	2.02	8.5	2.08
	23	6.9	1.75	7.3	1.85	7.6	1.90	7.7	1.94	7.9	1.98	8.1	2.04	8.3	2.10
	25	6.8	1.77	7.2	1.87	7.4	1.92	7.6	1.96	7.7	2.00	7.9	2.06	8.2	2.12
	27	8.4	2.20	8.8	2.33	9.1	2.40	9.3	2.45	9.5	2.50	9.8	2.57	10.1	2.65
	29	8.2	2.23	8.7	2.35	8.9	2.42	9.1	2.47	9.3	2.52	9.6	2.60	9.9	2.67
	31	8.1	2.25	8.5	2.37	8.8	2.45	8.9	2.50	9.1	2.55	9.4	2.62	9.7	2.70
	33	7.9	2.27	8.3	2.40	8.6	2.47	8.8	2.52	8.9	2.57	9.2	2.65	9.5	2.73
	35	7.7	2.30	8.2	2.42	8.4	2.50	8.6	2.55	8.8	2.60	9.0	2.68	9.3	2.75
	37	7.6	2.31	8.0	2.43	8.3	2.51	8.4	2.56	8.6	2.61	8.8	2.69	9.1	2.77
	39	7.2	2.26	7.6	2.39	7.8	2.46	8.0	2.51	8.2	2.56	8.4	2.64	8.6	2.71
	41	6.8	2.22	7.2	2.34	7.5	2.41	7.6	2.46	7.8	2.51	8.0	2.58	8.2	2.66
	43	6.5	2.17	6.9	2.29	7.1	2.36	7.2	2.41	7.4	2.46	7.6	2.53	7.8	2.61
	45	6.2	2.11	6.5	2.22	6.7	2.29	6.9	2.34	7.0	2.39	7.2	2.46	7.4	2.53
	48	5.9	2.00	6.2	2.11	6.4	2.18	6.5	2.22	6.7	2.27	6.8	2.33	7.0	2.40
	50	5.6	1.84	5.9	1.94	6.1	2.00	6.2	2.04	6.3	2.09	6.5	2.15	6.7	2.21
	52	5.3	1.69	5.6	1.79	5.8	1.84	5.9	1.88	6.0	1.92	6.2	1.98	6.4	2.03
	55	5.0	1.56	5.3	1.64	5.5	1.70	5.6	1.73	5.7	1.77	5.9	1.82	6.0	1.87

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-5	5.1	0.85	5.4	0.90	5.5	0.93	5.6	0.94	5.7	0.96	5.9	0.99	6.1	1.02
	-2	5.0	0.86	5.2	0.91	5.4	0.93	5.5	0.95	5.6	0.97	5.8	1.00	6.0	1.03
	0	4.9	0.87	5.1	0.92	5.3	0.94	5.4	0.96	5.5	0.98	5.7	1.01	5.9	1.04
	2	4.8	0.88	5.0	0.92	5.2	0.95	5.3	0.97	5.4	0.99	5.6	1.02	5.7	1.05
	4	4.7	0.88	4.9	0.93	5.1	0.96	5.2	0.98	5.3	1.00	5.5	1.03	5.6	1.06
	6	4.6	0.89	4.8	0.94	5.0	0.97	5.1	0.99	5.2	1.01	5.4	1.04	5.5	1.07
	8	4.5	0.90	4.8	0.95	4.9	0.98	5.0	1.00	5.1	1.02	5.3	1.05	5.4	1.08
	10	6.0	1.20	6.4	1.26	6.6	1.30	6.7	1.33	6.8	1.36	7.0	1.40	7.2	1.44
	12	5.9	1.25	6.2	1.32	6.4	1.36	6.6	1.39	6.7	1.41	6.9	1.46	7.1	1.50
	14	5.8	1.30	6.1	1.37	6.3	1.42	6.4	1.44	6.6	1.47	6.8	1.52	7.0	1.56
	16	5.7	1.35	6.0	1.43	6.2	1.47	6.3	1.50	6.4	1.53	6.6	1.58	6.8	1.63
	18	6.6	1.52	7.0	1.60	7.2	1.65	7.3	1.69	7.5	1.72	7.7	1.77	7.9	1.82
	20	6.5	1.53	6.8	1.62	7.0	1.67	7.2	1.70	7.3	1.74	7.6	1.79	7.8	1.84
	21	6.3	1.55	6.7	1.63	6.9	1.69	7.0	1.72	7.2	1.76	7.4	1.81	7.6	1.86
	23	6.2	1.56	6.6	1.65	6.8	1.70	6.9	1.74	7.0	1.77	7.3	1.82	7.5	1.88
	25	6.1	1.58	6.4	1.67	6.6	1.72	6.8	1.76	6.9	1.79	7.1	1.84	7.3	1.90
	27	7.5	1.97	7.9	2.08	8.2	2.15	8.3	2.19	8.5	2.23	8.8	2.30	9.0	2.37
	29	7.4	1.99	7.8	2.10	8.0	2.17	8.2	2.21	8.3	2.26	8.6	2.32	8.8	2.39
	31	7.2	2.01	7.6	2.12	7.9	2.19	8.0	2.23	8.2	2.28	8.4	2.35	8.7	2.41
	33	7.1	2.03	7.5	2.14	7.7	2.21	7.9	2.26	8.0	2.30	8.2	2.37	8.5	2.44
	35	6.9	2.05	7.3	2.17	7.5	2.23	7.7	2.28	7.9	2.33	8.1	2.39	8.3	2.46
	37	6.8	2.06	7.2	2.18	7.4	2.25	7.5	2.29	7.7	2.34	7.9	2.41	8.1	2.47
	39	6.7	2.07	7.0	2.19	7.2	2.26	7.4	2.30	7.5	2.35	7.8	2.42	8.0	2.49
	41	6.5	2.08	6.9	2.20	7.1	2.27	7.2	2.31	7.4	2.36	7.6	2.43	7.8	2.50
	43	6.4	2.09	6.7	2.21	7.0	2.28	7.1	2.33	7.2	2.37	7.5	2.44	7.7	2.51
	45	6.3	2.10	6.6	2.22	6.8	2.29	7.0	2.34	7.1	2.38	7.3	2.45	7.5	2.52
	48	6.1	2.11	6.5	2.23	6.7	2.30	6.8	2.35	7.0	2.40	7.2	2.47	7.4	2.54
	50	6.0	2.12	6.4	2.24	6.6	2.31	6.7	2.36	6.8	2.41	7.0	2.48	7.2	2.55
	52	5.9	2.14	6.2	2.25	6.4	2.33	6.6	2.37	6.7	2.42	6.9	2.49	7.1	2.56
	55	5.8	2.15	6.1	2.27	6.3	2.34	6.4	2.38	6.5	2.43	6.7	2.50	6.9	2.58
60%	-5	4.5	0.75	4.7	0.79	4.9	0.82	5.0	0.83	5.1	0.85	5.2	0.87	5.4	0.90
	-2	4.4	0.76	4.6	0.80	4.8	0.82	4.9	0.84	5.0	0.86	5.1	0.88	5.3	0.91
	0	4.3	0.76	4.5	0.81	4.7	0.83	4.8	0.85	4.9	0.87	5.0	0.89	5.2	0.92
	2	4.2	0.77	4.5	0.82	4.6	0.84	4.7	0.86	4.8	0.88	4.9	0.90	5.1	0.93
	4	4.1	0.78	4.4	0.82	4.5	0.85	4.6	0.87	4.7	0.88	4.8	0.91	5.0	0.94
	6	4.1	0.79	4.3	0.83	4.4	0.86	4.5	0.88	4.6	0.89	4.7	0.92	4.9	0.95
	8	4.0	0.80	4.2	0.84	4.3	0.87	4.4	0.88	4.5	0.90	4.6	0.93	4.8	0.96
	10	5.3	1.06	5.6	1.12	5.8	1.15	5.9	1.17	6.0	1.20	6.2	1.23	6.4	1.27
	12	5.2	1.10	5.5	1.16	5.7	1.20	5.8	1.22	5.9	1.25	6.1	1.28	6.3	1.32
	14	5.1	1.15	5.4	1.21	5.6	1.25	5.7	1.27	5.8	1.30	6.0	1.34	6.1	1.38
	16	5.0	1.19	5.3	1.26	5.5	1.30	5.6	1.33	5.7	1.35	5.9	1.39	6.0	1.43
	18	5.8	1.34	6.2	1.41	6.3	1.46	6.5	1.49	6.6	1.52	6.8	1.56	7.0	1.61
	20	5.7	1.35	6.0	1.43	6.2	1.47	6.4	1.50	6.5	1.53	6.7	1.58	6.9	1.62
	21	5.6	1.37	5.9	1.44	6.1	1.49	6.2	1.52	6.4	1.55	6.5	1.59	6.7	1.64
	23	5.5	1.38	5.8	1.46	6.0	1.50	6.1	1.53	6.2	1.56	6.4	1.61	6.6	1.65
	25	5.4	1.39	5.7	1.47	5.9	1.52	6.0	1.55	6.1	1.58	6.3	1.63	6.5	1.67
	27	6.6	1.74	7.0	1.83	7.2	1.89	7.4	1.93	7.5	1.97	7.7	2.03	7.9	2.09
	29	6.5	1.76	6.9	1.85	7.1	1.91	7.2	1.95	7.4	1.99	7.6	2.05	7.8	2.11
	31	6.4	1.77	6.7	1.87	6.9	1.93	7.1	1.97	7.2	2.01	7.4	2.07	7.6	2.13
	33	6.2	1.79	6.6	1.89	6.8	1.95	6.9	1.99	7.1	2.03	7.3	2.09	7.5	2.15
	35	6.1	1.81	6.5	1.91	6.7	1.97	6.8	2.01	6.9	2.05	7.1	2.11	7.3	2.17
	37	6.0	1.82	6.3	1.92	6.5	1.98	6.7	2.02	6.8	2.06	7.0	2.12	7.2	2.18
	39	5.9	1.83	6.2	1.93	6.4	1.99	6.5	2.03	6.7	2.07	6.9	2.13	7.1	2.19
	41	5.8	1.84	6.1	1.94	6.3	2.00	6.4	2.04	6.5	2.08	6.7	2.14	6.9	2.20
	43	5.6	1.85	6.0	1.95	6.1	2.01	6.3	2.05	6.4	2.09	6.6	2.15	6.8	2.21
	45	5.5	1.85	5.8	1.96	6.0	2.02	6.1	2.06	6.3	2.10	6.5	2.16	6.6	2.23
	48	5.4	1.86	5.7	1.97	5.9	2.03	6.0	2.07	6.1	2.11	6.3	2.17	6.5	2.24
	50	5.3	1.87	5.6	1.98	5.8	2.04	5.9	2.08	6.0	2.12	6.2	2.19	6.4	2.25
	52	5.2	1.88	5.5	1.99	5.7	2.05	5.8	2.09	5.9	2.13	6.1	2.20	6.2	2.26
	55	5.1	1.89	5.4	2.00	5.6	2.06	5.7	2.10	5.8	2.14	6.0	2.21	6.1	2.27

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	3.9	0.65	4.1	0.68	4.2	0.71	4.3	0.72	4.4	0.74	4.5	0.76	4.7	0.78
	-2	3.8	0.66	4.0	0.69	4.1	0.71	4.2	0.73	4.3	0.74	4.4	0.76	4.6	0.79
	0	3.7	0.66	3.9	0.70	4.1	0.72	4.2	0.74	4.2	0.75	4.4	0.77	4.5	0.79
	2	3.7	0.67	3.9	0.71	4.0	0.73	4.1	0.74	4.2	0.76	4.3	0.78	4.4	0.80
	4	3.6	0.68	3.8	0.71	3.9	0.74	4.0	0.75	4.1	0.77	4.2	0.79	4.3	0.81
	6	3.5	0.68	3.7	0.72	3.8	0.74	3.9	0.76	4.0	0.77	4.1	0.80	4.2	0.82
	8	3.5	0.69	3.6	0.73	3.8	0.75	3.8	0.77	3.9	0.78	4.0	0.80	4.1	0.83
	10	4.6	0.91	4.9	0.97	5.0	1.00	5.1	1.02	5.2	1.04	5.4	1.07	5.5	1.10
	12	4.5	0.95	4.8	1.01	4.9	1.04	5.0	1.06	5.1	1.08	5.3	1.11	5.4	1.14
	14	4.4	0.99	4.7	1.05	4.8	1.08	4.9	1.10	5.0	1.12	5.2	1.16	5.3	1.19
	16	4.4	1.03	4.6	1.09	4.7	1.13	4.8	1.15	4.9	1.17	5.1	1.21	5.2	1.24
	18	5.1	1.16	5.3	1.22	5.5	1.26	5.6	1.29	5.7	1.31	5.9	1.35	6.1	1.39
	20	5.0	1.17	5.2	1.24	5.4	1.27	5.5	1.30	5.6	1.33	5.8	1.37	6.0	1.40
	21	4.9	1.18	5.1	1.25	5.3	1.29	5.4	1.31	5.5	1.34	5.7	1.38	5.8	1.42
	23	4.8	1.19	5.0	1.26	5.2	1.30	5.3	1.33	5.4	1.35	5.6	1.39	5.7	1.43
	25	4.7	1.21	4.9	1.27	5.1	1.31	5.2	1.34	5.3	1.37	5.5	1.41	5.6	1.45
	27	5.7	1.50	6.1	1.59	6.3	1.64	6.4	1.67	6.5	1.70	6.7	1.76	6.9	1.81
	29	5.6	1.52	5.9	1.60	6.1	1.65	6.3	1.69	6.4	1.72	6.6	1.77	6.8	1.82
	31	5.5	1.53	5.8	1.62	6.0	1.67	6.1	1.71	6.3	1.74	6.4	1.79	6.6	1.84
	33	5.4	1.55	5.7	1.64	5.9	1.69	6.0	1.72	6.1	1.76	6.3	1.81	6.5	1.86
	35	5.3	1.57	5.6	1.65	5.8	1.71	5.9	1.74	6.0	1.77	6.2	1.83	6.4	1.88
	37	5.2	1.57	5.5	1.66	5.7	1.71	5.8	1.75	5.9	1.78	6.1	1.84	6.2	1.89
	39	5.1	1.58	5.4	1.67	5.6	1.72	5.7	1.76	5.8	1.79	5.9	1.85	6.1	1.90
	41	5.0	1.59	5.3	1.68	5.4	1.73	5.6	1.77	5.7	1.80	5.8	1.85	6.0	1.91
	43	4.9	1.60	5.2	1.69	5.3	1.74	5.4	1.78	5.6	1.81	5.7	1.86	5.9	1.92
	45	4.8	1.61	5.1	1.69	5.2	1.75	5.3	1.78	5.4	1.82	5.6	1.87	5.8	1.93
	48	4.7	1.61	5.0	1.70	5.1	1.76	5.2	1.79	5.3	1.83	5.5	1.88	5.6	1.94
	50	4.6	1.62	4.9	1.71	5.0	1.77	5.1	1.80	5.2	1.84	5.4	1.89	5.5	1.95
	52	4.5	1.63	4.8	1.72	4.9	1.77	5.0	1.81	5.1	1.85	5.3	1.90	5.4	1.96
	55	4.4	1.64	4.7	1.73	4.8	1.78	4.9	1.82	5.0	1.86	5.2	1.91	5.3	1.97

CHV-DH125W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	8.8	1.24	9.3	1.31	9.6	1.35	9.8	1.38	10.0	1.41	10.3	1.45	10.6	1.49
	-2	8.6	1.25	9.1	1.32	9.4	1.36	9.6	1.39	9.8	1.42	10.1	1.46	10.4	1.50
	0	8.5	1.27	8.9	1.34	9.2	1.38	9.4	1.41	9.6	1.43	9.9	1.48	10.2	1.52
	2	8.3	1.28	8.8	1.35	9.0	1.39	9.2	1.42	9.4	1.45	9.7	1.49	10.0	1.53
	4	8.1	1.29	8.6	1.36	8.9	1.41	9.0	1.44	9.2	1.46	9.5	1.51	9.8	1.55
	6	8.0	1.30	8.4	1.38	8.7	1.42	8.9	1.45	9.0	1.48	9.3	1.52	9.6	1.57
	8	7.8	1.32	8.3	1.39	8.5	1.44	8.7	1.46	8.9	1.49	9.1	1.54	9.4	1.58
	10	10.5	1.75	11.1	1.85	11.4	1.90	11.6	1.94	11.9	1.98	12.2	2.04	12.6	2.10
	12	10.3	1.82	10.8	1.92	11.2	1.98	11.4	2.02	11.6	2.06	12.0	2.13	12.3	2.19
	14	10.1	1.90	10.6	2.00	11.0	2.07	11.2	2.11	11.4	2.15	11.7	2.21	12.1	2.28
	16	9.9	1.98	10.4	2.09	10.7	2.15	11.0	2.20	11.2	2.24	11.5	2.31	11.8	2.37
	18	11.5	2.22	12.1	2.34	12.5	2.41	12.7	2.46	13.0	2.51	13.4	2.58	13.8	2.66
	20	11.2	2.24	11.9	2.36	12.2	2.44	12.5	2.49	12.7	2.54	13.1	2.61	13.5	2.69
	21	11.0	2.26	11.6	2.39	12.0	2.46	12.2	2.51	12.5	2.56	12.9	2.64	13.2	2.71
	23	10.8	2.28	11.4	2.41	11.8	2.49	12.0	2.54	12.2	2.59	12.6	2.66	13.0	2.74
	25	10.6	2.31	11.2	2.43	11.5	2.51	11.8	2.56	12.0	2.61	12.4	2.69	12.7	2.77
	27	13.0	2.88	13.8	3.04	14.2	3.13	14.5	3.20	14.8	3.26	15.2	3.36	15.6	3.45
	29	12.8	2.91	13.5	3.07	13.9	3.16	14.2	3.23	14.5	3.29	14.9	3.39	15.3	3.49
	31	12.5	2.94	13.2	3.10	13.6	3.20	13.9	3.26	14.2	3.33	14.6	3.42	15.0	3.52
	33	12.3	2.97	13.0	3.13	13.4	3.23	13.6	3.29	13.9	3.36	14.3	3.46	14.7	3.56
	35	12.0	3.00	12.7	3.16	13.1	3.26	13.4	3.33	13.6	3.39	14.0	3.49	14.4	3.59
	37	11.8	3.01	12.5	3.18	12.8	3.28	13.1	3.34	13.4	3.41	13.8	3.51	14.2	3.61
	39	11.2	2.95	11.8	3.11	12.2	3.21	12.5	3.28	12.7	3.34	13.1	3.44	13.4	3.54
	41	10.6	2.89	11.2	3.05	11.6	3.15	11.8	3.21	12.1	3.28	12.4	3.37	12.8	3.47
	43	10.1	2.83	10.7	2.99	11.0	3.08	11.2	3.15	11.5	3.21	11.8	3.31	12.1	3.40
	45	9.6	2.75	10.1	2.90	10.5	2.99	10.7	3.05	10.9	3.11	11.2	3.21	11.5	3.30
	48	9.1	2.61	9.6	2.76	9.9	2.84	10.1	2.90	10.3	2.96	10.6	3.05	11.0	3.13
	50	8.7	2.40	9.2	2.54	9.4	2.62	9.6	2.67	9.8	2.72	10.1	2.80	10.4	2.88
	52	8.2	2.21	8.7	2.33	9.0	2.41	9.2	2.46	9.3	2.50	9.6	2.58	9.9	2.65
	55	7.8	2.03	8.3	2.15	8.5	2.21	8.7	2.26	8.9	2.30	9.1	2.37	9.4	2.44
120%	-5	8.6	1.23	9.1	1.30	9.4	1.34	9.6	1.37	9.8	1.39	10.1	1.43	10.4	1.47
	-2	8.5	1.24	8.9	1.31	9.2	1.35	9.4	1.38	9.6	1.41	9.9	1.45	10.2	1.49
	0	8.3	1.25	8.8	1.32	9.0	1.37	9.2	1.39	9.4	1.42	9.7	1.46	10.0	1.50
	2	8.1	1.27	8.6	1.34	8.9	1.38	9.1	1.41	9.2	1.44	9.5	1.48	9.8	1.52
	4	8.0	1.28	8.4	1.35	8.7	1.39	8.9	1.42	9.1	1.45	9.3	1.49	9.6	1.54
	6	7.8	1.29	8.3	1.36	8.5	1.41	8.7	1.44	8.9	1.46	9.1	1.51	9.4	1.55
	8	7.7	1.31	8.1	1.38	8.4	1.42	8.5	1.45	8.7	1.48	9.0	1.52	9.2	1.57
	10	10.3	1.73	10.9	1.83	11.2	1.89	11.4	1.92	11.6	1.96	12.0	2.02	12.3	2.08
	12	10.1	1.80	10.6	1.90	11.0	1.96	11.2	2.00	11.4	2.04	11.8	2.11	12.1	2.17
	14	9.9	1.88	10.4	1.98	10.8	2.05	11.0	2.09	11.2	2.13	11.5	2.19	11.9	2.26
	16	9.7	1.96	10.2	2.07	10.5	2.13	10.8	2.18	11.0	2.22	11.3	2.28	11.6	2.35
	18	11.3	2.19	11.9	2.32	12.3	2.39	12.5	2.44	12.8	2.49	13.1	2.56	13.5	2.63
	20	11.0	2.22	11.6	2.34	12.0	2.41	12.3	2.46	12.5	2.51	12.9	2.59	13.2	2.66
	21	10.8	2.24	11.4	2.36	11.8	2.44	12.0	2.49	12.3	2.54	12.6	2.61	13.0	2.69
	23	10.6	2.26	11.2	2.39	11.5	2.46	11.8	2.51	12.0	2.56	12.4	2.64	12.7	2.71
	25	10.4	2.28	11.0	2.41	11.3	2.49	11.6	2.54	11.8	2.59	12.1	2.66	12.5	2.74
	27	12.8	2.85	13.5	3.01	13.9	3.10	14.2	3.17	14.5	3.23	14.9	3.32	15.3	3.42
	29	12.5	2.88	13.2	3.04	13.6	3.13	13.9	3.20	14.2	3.26	14.6	3.36	15.0	3.45
	31	12.3	2.91	13.0	3.07	13.4	3.17	13.7	3.23	13.9	3.30	14.3	3.39	14.7	3.49
	33	12.0	2.94	12.7	3.10	13.1	3.20	13.4	3.26	13.7	3.33	14.1	3.43	14.5	3.52
	35	11.8	2.97	12.5	3.13	12.9	3.23	13.1	3.30	13.4	3.36	13.8	3.46	14.2	3.56
	37	11.6	2.98	12.2	3.15	12.6	3.25	12.9	3.31	13.1	3.38	13.5	3.48	13.9	3.58
	39	11.0	2.92	11.6	3.08	12.0	3.18	12.2	3.25	12.5	3.31	12.8	3.41	13.2	3.51
	41	10.4	2.86	11.0	3.02	11.4	3.12	11.6	3.18	11.8	3.24	12.2	3.34	12.5	3.44
	43	9.9	2.81	10.5	2.96	10.8	3.06	11.0	3.12	11.2	3.18	11.6	3.27	11.9	3.37
	45	9.4	2.72	10.0	2.87	10.3	2.96	10.5	3.02	10.7	3.08	11.0	3.18	11.3	3.27
	48	9.0	2.59	9.5	2.73	9.8	2.82	10.0	2.87	10.2	2.93	10.5	3.02	10.7	3.10
	50	8.5	2.38	9.0	2.51	9.3	2.59	9.5	2.64	9.6	2.70	9.9	2.78	10.2	2.85
	52	8.1	2.19	8.5	2.31	8.8	2.38	9.0	2.43	9.2	2.48	9.4	2.55	9.7	2.63
	55	7.7	2.01	8.1	2.13	8.4	2.19	8.5	2.24	8.7	2.28	9.0	2.35	9.2	2.42

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	8.5	1.22	9.0	1.28	9.2	1.33	9.4	1.35	9.6	1.38	9.9	1.42	10.2	1.46
	-2	8.3	1.23	8.8	1.30	9.1	1.34	9.2	1.37	9.4	1.39	9.7	1.43	10.0	1.48
	0	8.2	1.24	8.6	1.31	8.9	1.35	9.1	1.38	9.2	1.41	9.5	1.45	9.8	1.49
	2	8.0	1.25	8.4	1.32	8.7	1.37	8.9	1.39	9.1	1.42	9.3	1.46	9.6	1.50
	4	7.8	1.27	8.3	1.34	8.5	1.38	8.7	1.41	8.9	1.44	9.1	1.48	9.4	1.52
	6	7.7	1.28	8.1	1.35	8.4	1.39	8.5	1.42	8.7	1.45	9.0	1.49	9.2	1.54
	8	7.5	1.29	8.0	1.36	8.2	1.41	8.4	1.44	8.5	1.46	8.8	1.51	9.0	1.55
	10	10.1	1.72	10.6	1.81	11.0	1.87	11.2	1.91	11.4	1.94	11.8	2.00	12.1	2.06
	12	9.9	1.79	10.4	1.89	10.8	1.95	11.0	1.99	11.2	2.03	11.5	2.08	11.9	2.14
	14	9.7	1.86	10.2	1.96	10.6	2.03	10.8	2.07	11.0	2.11	11.3	2.17	11.6	2.23
	16	9.5	1.94	10.0	2.05	10.3	2.11	10.6	2.15	10.8	2.20	11.1	2.26	11.4	2.33
	18	11.0	2.17	11.7	2.29	12.0	2.37	12.3	2.41	12.5	2.46	12.9	2.53	13.2	2.61
	20	10.8	2.19	11.4	2.32	11.8	2.39	12.0	2.44	12.3	2.49	12.6	2.56	13.0	2.63
	21	10.6	2.22	11.2	2.34	11.6	2.41	11.8	2.46	12.0	2.51	12.4	2.59	12.7	2.66
	23	10.4	2.24	11.0	2.36	11.3	2.44	11.6	2.49	11.8	2.54	12.1	2.61	12.5	2.69
	25	10.2	2.26	10.8	2.39	11.1	2.46	11.3	2.51	11.6	2.56	11.9	2.64	12.2	2.71
	27	12.5	2.82	13.2	2.98	13.7	3.07	13.9	3.14	14.2	3.20	14.6	3.29	15.1	3.39
	29	12.3	2.85	13.0	3.01	13.4	3.10	13.7	3.17	13.9	3.23	14.3	3.33	14.8	3.42
	31	12.1	2.88	12.7	3.04	13.1	3.14	13.4	3.20	13.7	3.26	14.1	3.36	14.5	3.45
	33	11.8	2.91	12.5	3.07	12.9	3.17	13.1	3.23	13.4	3.30	13.8	3.39	14.2	3.49
	35	11.6	2.94	12.2	3.10	12.6	3.20	12.9	3.26	13.1	3.33	13.5	3.43	13.9	3.53
	37	11.4	2.95	12.0	3.12	12.4	3.21	12.6	3.28	12.9	3.35	13.2	3.44	13.6	3.54
	39	10.8	2.89	11.4	3.05	11.7	3.15	12.0	3.21	12.2	3.28	12.6	3.38	12.9	3.47
	41	10.2	2.84	10.8	2.99	11.2	3.09	11.4	3.15	11.6	3.21	12.0	3.31	12.3	3.40
	43	9.7	2.78	10.3	2.93	10.6	3.03	10.8	3.09	11.0	3.15	11.4	3.24	11.7	3.33
	45	9.2	2.70	9.8	2.85	10.1	2.93	10.3	2.99	10.5	3.05	10.8	3.14	11.1	3.23
	48	8.8	2.56	9.3	2.70	9.6	2.79	9.8	2.85	10.0	2.90	10.3	2.99	10.5	3.07
	50	8.3	2.36	8.8	2.49	9.1	2.57	9.3	2.62	9.5	2.67	9.7	2.75	10.0	2.83
	52	7.9	2.17	8.4	2.29	8.6	2.36	8.8	2.41	9.0	2.46	9.3	2.53	9.5	2.60
	55	7.5	1.99	8.0	2.10	8.2	2.17	8.4	2.22	8.5	2.26	8.8	2.33	9.0	2.39
100%	-5	8.2	1.19	8.7	1.26	9.0	1.30	9.2	1.33	9.3	1.35	9.6	1.39	9.9	1.43
	-2	8.1	1.21	8.5	1.27	8.8	1.31	9.0	1.34	9.2	1.37	9.4	1.41	9.7	1.45
	0	7.9	1.22	8.4	1.28	8.6	1.33	8.8	1.35	9.0	1.38	9.2	1.42	9.5	1.46
	2	7.8	1.23	8.2	1.30	8.4	1.34	8.6	1.37	8.8	1.39	9.1	1.43	9.3	1.48
	4	7.6	1.24	8.0	1.31	8.3	1.35	8.5	1.38	8.6	1.41	8.9	1.45	9.1	1.49
	6	7.5	1.25	7.9	1.32	8.1	1.37	8.3	1.39	8.5	1.42	8.7	1.46	9.0	1.51
	8	7.3	1.27	7.7	1.34	8.0	1.38	8.1	1.41	8.3	1.44	8.5	1.48	8.8	1.52
	10	9.8	1.68	10.3	1.78	10.7	1.83	10.9	1.87	11.1	1.91	11.4	1.96	11.7	2.02
	12	9.6	1.75	10.1	1.85	10.5	1.91	10.7	1.95	10.9	1.99	11.2	2.04	11.5	2.10
	14	9.4	1.82	9.9	1.93	10.2	1.99	10.5	2.03	10.7	2.07	11.0	2.13	11.3	2.19
	16	9.2	1.90	9.7	2.01	10.0	2.07	10.3	2.11	10.5	2.15	10.8	2.22	11.1	2.28
	18	10.7	2.13	11.3	2.25	11.7	2.32	11.9	2.37	12.1	2.41	12.5	2.49	12.9	2.56
	20	10.5	2.15	11.1	2.27	11.4	2.34	11.7	2.39	11.9	2.44	12.3	2.51	12.6	2.58
	21	10.3	2.17	10.9	2.29	11.2	2.37	11.4	2.41	11.7	2.46	12.0	2.54	12.4	2.61
	23	10.1	2.20	10.7	2.32	11.0	2.39	11.2	2.44	11.4	2.49	11.8	2.56	12.1	2.63
	25	9.9	2.22	10.5	2.34	10.8	2.41	11.0	2.46	11.2	2.51	11.6	2.59	11.9	2.66
	27	12.2	2.77	12.9	2.92	13.3	3.01	13.5	3.07	13.8	3.14	14.2	3.23	14.6	3.32
	29	11.9	2.79	12.6	2.95	13.0	3.04	13.3	3.10	13.5	3.17	13.9	3.26	14.3	3.35
	31	11.7	2.82	12.4	2.98	12.7	3.07	13.0	3.14	13.3	3.20	13.7	3.29	14.0	3.39
	33	11.5	2.85	12.1	3.01	12.5	3.10	12.8	3.17	13.0	3.23	13.4	3.33	13.8	3.42
	35	11.3	2.88	11.9	3.04	12.3	3.14	12.5	3.20	12.8	3.26	13.1	3.36	13.5	3.46
	37	11.0	2.89	11.6	3.06	12.0	3.15	12.3	3.25	12.5	3.28	12.9	3.38	13.2	3.47
	39	10.5	2.84	11.1	2.99	11.4	3.09	12.0	3.30	11.9	3.21	12.2	3.31	12.6	3.40
	41	10.0	2.78	10.5	2.93	10.8	3.03	11.8	3.36	11.3	3.15	11.6	3.24	11.9	3.34
	43	9.5	2.72	10.0	2.88	10.3	2.97	11.5	3.41	10.7	3.09	11.0	3.18	11.3	3.27
	45	9.0	2.64	9.5	2.79	9.8	2.88	11.3	3.46	10.2	2.99	10.5	3.08	10.8	3.17
	48	8.5	2.51	9.0	2.65	9.3	2.73	11.1	3.52	9.7	2.85	10.0	2.93	10.2	3.01
	50	8.1	2.31	8.6	2.44	8.8	2.51	10.9	3.58	9.2	2.62	9.5	2.69	9.7	2.77
	52	7.7	2.12	8.1	2.24	8.4	2.31	10.6	3.63	8.7	2.41	9.0	2.48	9.2	2.55
	55	7.3	1.95	7.7	2.06	8.0	2.13	10.4	3.69	8.3	2.22	8.5	2.28	8.8	2.35

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	7.8	1.12	8.3	1.18	8.5	1.22	8.7	1.25	8.9	1.27	9.1	1.31	9.4	1.35
	-2	7.7	1.13	8.1	1.20	8.4	1.23	8.5	1.26	8.7	1.28	8.9	1.32	9.2	1.36
	0	7.5	1.14	7.9	1.21	8.2	1.25	8.4	1.27	8.5	1.30	8.8	1.33	9.0	1.37
	2	7.4	1.16	7.8	1.22	8.0	1.26	8.2	1.28	8.4	1.31	8.6	1.35	8.8	1.39
	4	7.2	1.17	7.6	1.23	7.9	1.27	8.0	1.30	8.2	1.32	8.4	1.36	8.7	1.40
	6	7.1	1.18	7.5	1.24	7.7	1.28	7.9	1.31	8.0	1.34	8.3	1.38	8.5	1.42
	8	6.9	1.19	7.3	1.26	7.6	1.30	7.7	1.32	7.9	1.35	8.1	1.39	8.3	1.43
	10	9.3	1.58	9.8	1.67	10.1	1.72	10.3	1.76	10.5	1.79	10.9	1.84	11.2	1.90
	12	9.1	1.65	9.6	1.74	9.9	1.79	10.1	1.83	10.3	1.87	10.6	1.92	10.9	1.98
	14	8.9	1.72	9.4	1.81	9.7	1.87	9.9	1.91	10.1	1.94	10.4	2.00	10.7	2.06
	16	8.8	1.79	9.3	1.89	9.5	1.95	9.7	1.99	9.9	2.02	10.2	2.08	10.5	2.14
	18	10.2	2.00	10.7	2.11	11.1	2.18	11.3	2.22	11.5	2.27	11.9	2.34	12.2	2.40
	20	10.0	2.02	10.5	2.13	10.9	2.20	11.1	2.25	11.3	2.29	11.6	2.36	12.0	2.43
	21	9.8	2.04	10.3	2.16	10.7	2.22	10.9	2.27	11.1	2.32	11.4	2.38	11.7	2.45
	23	9.6	2.06	10.1	2.18	10.4	2.25	10.7	2.29	10.9	2.34	11.2	2.41	11.5	2.48
	25	9.4	2.08	9.9	2.20	10.2	2.27	10.5	2.32	10.7	2.36	11.0	2.43	11.3	2.50
	27	11.6	2.60	12.2	2.74	12.6	2.83	12.9	2.89	13.1	2.95	13.5	3.03	13.9	3.12
	29	11.3	2.63	12.0	2.77	12.3	2.86	12.6	2.92	12.9	2.98	13.2	3.06	13.6	3.15
	31	11.1	2.65	11.7	2.80	12.1	2.89	12.4	2.95	12.6	3.01	13.0	3.10	13.3	3.18
	33	10.9	2.68	11.5	2.83	11.9	2.92	12.1	2.98	12.4	3.04	12.7	3.13	13.1	3.22
	35	10.7	2.71	11.3	2.86	11.6	2.95	11.9	3.01	12.1	3.07	12.5	3.16	12.8	3.25
	37	10.5	2.72	11.1	2.87	11.4	2.96	11.6	3.02	11.9	3.08	12.2	3.17	12.6	3.26
	39	10.0	2.67	10.5	2.81	10.8	2.90	11.1	2.96	11.3	3.02	11.6	3.11	11.9	3.20
	41	9.5	2.61	10.0	2.76	10.3	2.85	10.5	2.90	10.7	2.96	11.0	3.05	11.3	3.14
	43	9.0	2.56	9.5	2.70	9.8	2.79	10.0	2.85	10.2	2.90	10.5	2.99	10.8	3.07
	45	8.5	2.48	9.0	2.62	9.3	2.70	9.5	2.76	9.7	2.82	10.0	2.90	10.2	2.98
	48	8.1	2.36	8.6	2.49	8.8	2.57	9.0	2.62	9.2	2.67	9.5	2.75	9.7	2.83
	50	7.7	2.17	8.1	2.29	8.4	2.36	8.6	2.41	8.7	2.46	9.0	2.53	9.2	2.61
	52	7.3	2.00	7.7	2.11	8.0	2.17	8.1	2.22	8.3	2.26	8.5	2.33	8.8	2.40
	55	6.9	1.84	7.3	1.94	7.6	2.00	7.7	2.04	7.9	2.08	8.1	2.14	8.3	2.20
80%	-5	7.1	1.01	7.5	1.07	7.7	1.10	7.9	1.13	8.0	1.15	8.3	1.18	8.5	1.22
	-2	6.9	1.02	7.3	1.08	7.6	1.12	7.7	1.14	7.9	1.16	8.1	1.20	8.3	1.23
	0	6.8	1.03	7.2	1.09	7.4	1.13	7.6	1.15	7.7	1.17	7.9	1.21	8.2	1.24
	2	6.7	1.05	7.0	1.10	7.3	1.14	7.4	1.16	7.6	1.18	7.8	1.22	8.0	1.25
	4	6.5	1.06	6.9	1.11	7.1	1.15	7.3	1.17	7.4	1.20	7.6	1.23	7.9	1.27
	6	6.4	1.07	6.8	1.13	7.0	1.16	7.1	1.18	7.3	1.21	7.5	1.24	7.7	1.28
	8	6.3	1.08	6.6	1.14	6.8	1.17	7.0	1.20	7.1	1.22	7.3	1.26	7.5	1.29
	10	8.4	1.43	8.9	1.51	9.2	1.56	9.4	1.59	9.5	1.62	9.8	1.67	10.1	1.72
	12	8.3	1.49	8.7	1.57	9.0	1.62	9.2	1.65	9.4	1.69	9.6	1.74	9.9	1.79
	14	8.1	1.55	8.5	1.64	8.8	1.69	9.0	1.72	9.2	1.76	9.4	1.81	9.7	1.86
	16	7.9	1.62	8.4	1.71	8.6	1.76	8.8	1.80	9.0	1.83	9.3	1.88	9.5	1.94
	18	9.2	1.81	9.7	1.91	10.0	1.97	10.2	2.01	10.4	2.05	10.8	2.11	11.1	2.17
	20	9.0	1.83	9.5	1.93	9.8	1.99	10.0	2.03	10.2	2.07	10.5	2.13	10.8	2.19
	21	8.9	1.85	9.4	1.95	9.6	2.01	9.8	2.05	10.0	2.09	10.3	2.16	10.6	2.22
	23	8.7	1.87	9.2	1.97	9.5	2.03	9.6	2.07	9.8	2.11	10.1	2.18	10.4	2.24
	25	8.5	1.88	9.0	1.99	9.3	2.05	9.5	2.09	9.6	2.14	9.9	2.20	10.2	2.26
	27	10.5	2.35	11.1	2.48	11.4	2.56	11.6	2.61	11.9	2.67	12.2	2.74	12.6	2.82
	29	10.3	2.38	10.8	2.51	11.2	2.59	11.4	2.64	11.6	2.69	12.0	2.77	12.3	2.85
	31	10.1	2.40	10.6	2.53	11.0	2.61	11.2	2.67	11.4	2.72	11.7	2.80	12.1	2.88
	33	9.9	2.42	10.4	2.56	10.7	2.64	11.0	2.69	11.2	2.75	11.5	2.83	11.8	2.91
	35	9.7	2.45	10.2	2.58	10.5	2.67	10.8	2.72	11.0	2.77	11.3	2.86	11.6	2.94
	37	9.5	2.46	10.0	2.60	10.3	2.68	10.5	2.73	10.7	2.79	11.1	2.87	11.4	2.95
	39	9.0	2.41	9.5	2.54	9.8	2.63	10.0	2.68	10.2	2.73	10.5	2.81	10.8	2.89
	41	8.6	2.36	9.0	2.49	9.3	2.57	9.5	2.63	9.7	2.68	10.0	2.76	10.3	2.84
	43	8.1	2.32	8.6	2.44	8.9	2.52	9.0	2.57	9.2	2.62	9.5	2.70	9.8	2.78
	45	7.7	2.25	8.2	2.37	8.4	2.45	8.6	2.50	8.8	2.55	9.0	2.62	9.3	2.70
	48	7.3	2.13	7.7	2.25	8.0	2.32	8.2	2.37	8.3	2.42	8.6	2.49	8.8	2.56
	50	7.0	1.96	7.4	2.07	7.6	2.14	7.7	2.18	7.9	2.22	8.1	2.29	8.4	2.36
	52	6.6	1.81	7.0	1.91	7.2	1.97	7.4	2.01	7.5	2.05	7.7	2.11	7.9	2.17
	55	6.3	1.66	6.6	1.75	6.8	1.81	7.0	1.85	7.1	1.88	7.3	1.94	7.5	1.99

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	6.3	0.91	6.7	0.96	6.9	0.99	7.0	1.01	7.2	1.03	7.4	1.06	7.6	1.09
	-2	6.2	0.92	6.6	0.97	6.8	1.00	6.9	1.02	7.0	1.04	7.3	1.07	7.5	1.10
	0	6.1	0.93	6.4	0.98	6.6	1.01	6.8	1.03	6.9	1.05	7.1	1.08	7.3	1.11
	2	6.0	0.93	6.3	0.99	6.5	1.02	6.6	1.04	6.8	1.06	7.0	1.09	7.2	1.12
	4	5.9	0.94	6.2	1.00	6.4	1.03	6.5	1.05	6.6	1.07	6.8	1.10	7.0	1.13
	6	5.7	0.95	6.1	1.01	6.3	1.04	6.4	1.06	6.5	1.08	6.7	1.11	6.9	1.14
	8	5.6	0.96	5.9	1.02	6.1	1.05	6.3	1.07	6.4	1.09	6.6	1.12	6.8	1.16
	10	7.5	1.28	8.0	1.35	8.2	1.39	8.4	1.42	8.5	1.45	8.8	1.49	9.0	1.53
	12	7.4	1.33	7.8	1.41	8.0	1.45	8.2	1.48	8.4	1.51	8.6	1.55	8.9	1.60
	14	7.2	1.39	7.6	1.46	7.9	1.51	8.1	1.54	8.2	1.57	8.5	1.62	8.7	1.66
	16	7.1	1.44	7.5	1.52	7.7	1.57	7.9	1.61	8.1	1.64	8.3	1.69	8.5	1.73
	18	8.3	1.62	8.7	1.71	9.0	1.76	9.2	1.80	9.4	1.83	9.6	1.89	9.9	1.94
	20	8.1	1.64	8.5	1.73	8.8	1.78	9.0	1.82	9.2	1.85	9.4	1.91	9.7	1.96
	21	7.9	1.65	8.4	1.74	8.6	1.80	8.8	1.84	9.0	1.87	9.3	1.93	9.5	1.98
	23	7.8	1.67	8.2	1.76	8.5	1.82	8.6	1.85	8.8	1.89	9.1	1.95	9.3	2.00
	25	7.6	1.69	8.0	1.78	8.3	1.84	8.5	1.87	8.6	1.91	8.9	1.97	9.1	2.02
	27	9.4	2.10	9.9	2.22	10.2	2.29	10.4	2.34	10.6	2.38	10.9	2.45	11.3	2.52
	29	9.2	2.12	9.7	2.24	10.0	2.31	10.2	2.36	10.4	2.41	10.7	2.48	11.0	2.55
	31	9.0	2.15	9.5	2.26	9.8	2.34	10.0	2.38	10.2	2.43	10.5	2.50	10.8	2.57
	33	8.8	2.17	9.3	2.29	9.6	2.36	9.8	2.41	10.0	2.46	10.3	2.53	10.6	2.60
	35	8.7	2.19	9.1	2.31	9.4	2.38	9.6	2.43	9.8	2.48	10.1	2.55	10.4	2.63
	37	8.5	2.20	9.0	2.32	9.2	2.40	9.4	2.44	9.6	2.49	9.9	2.57	10.2	2.64
	39	8.3	2.21	8.8	2.33	9.1	2.41	9.2	2.46	9.4	2.51	9.7	2.58	10.0	2.65
	41	8.2	2.22	8.6	2.35	8.9	2.42	9.1	2.47	9.2	2.52	9.5	2.59	9.8	2.67
	43	8.0	2.23	8.4	2.36	8.7	2.43	8.9	2.48	9.1	2.53	9.3	2.61	9.6	2.68
	45	7.8	2.24	8.3	2.37	8.5	2.44	8.7	2.49	8.9	2.54	9.1	2.62	9.4	2.69
	48	7.7	2.26	8.1	2.38	8.4	2.46	8.5	2.51	8.7	2.56	9.0	2.63	9.2	2.71
	50	7.5	2.27	7.9	2.39	8.2	2.47	8.4	2.52	8.5	2.57	8.8	2.64	9.0	2.72
	52	7.4	2.28	7.8	2.40	8.0	2.48	8.2	2.53	8.4	2.58	8.6	2.66	8.8	2.73
	55	7.2	2.29	7.6	2.42	7.9	2.49	8.0	2.54	8.2	2.59	8.4	2.67	8.7	2.75
60%	-5	5.6	0.80	5.9	0.84	6.1	0.87	6.2	0.89	6.3	0.91	6.5	0.93	6.7	0.96
	-2	5.5	0.81	5.8	0.85	6.0	0.88	6.1	0.90	6.2	0.92	6.4	0.94	6.6	0.97
	0	5.4	0.82	5.7	0.86	5.9	0.89	6.0	0.91	6.1	0.92	6.3	0.95	6.5	0.98
	2	5.3	0.82	5.6	0.87	5.7	0.90	5.9	0.92	6.0	0.93	6.2	0.96	6.3	0.99
	4	5.2	0.83	5.5	0.88	5.6	0.91	5.7	0.92	5.9	0.94	6.0	0.97	6.2	1.00
	6	5.1	0.84	5.4	0.89	5.5	0.92	5.6	0.93	5.7	0.95	5.9	0.98	6.1	1.01
	8	5.0	0.85	5.2	0.90	5.4	0.92	5.5	0.94	5.6	0.96	5.8	0.99	6.0	1.02
	10	6.7	1.13	7.0	1.19	7.2	1.23	7.4	1.25	7.5	1.28	7.8	1.31	8.0	1.35
	12	6.5	1.17	6.9	1.24	7.1	1.28	7.3	1.30	7.4	1.33	7.6	1.37	7.8	1.41
	14	6.4	1.22	6.8	1.29	7.0	1.33	7.1	1.36	7.3	1.39	7.5	1.43	7.7	1.47
	16	6.3	1.27	6.6	1.34	6.8	1.39	7.0	1.42	7.1	1.44	7.3	1.49	7.5	1.53
	18	7.3	1.43	7.7	1.51	7.9	1.55	8.1	1.59	8.3	1.62	8.5	1.67	8.7	1.71
	20	7.1	1.44	7.5	1.52	7.8	1.57	7.9	1.60	8.1	1.63	8.3	1.68	8.6	1.73
	21	7.0	1.46	7.4	1.54	7.6	1.59	7.8	1.62	7.9	1.65	8.2	1.70	8.4	1.75
	23	6.9	1.47	7.2	1.55	7.5	1.60	7.6	1.63	7.8	1.67	8.0	1.72	8.2	1.77
	25	6.7	1.49	7.1	1.57	7.3	1.62	7.5	1.65	7.6	1.68	7.9	1.73	8.1	1.78
	27	8.3	1.85	8.7	1.96	9.0	2.02	9.2	2.06	9.4	2.10	9.7	2.16	9.9	2.22
	29	8.1	1.87	8.6	1.98	8.8	2.04	9.0	2.08	9.2	2.12	9.5	2.18	9.7	2.25
	31	8.0	1.89	8.4	2.00	8.7	2.06	8.8	2.10	9.0	2.14	9.3	2.21	9.6	2.27
	33	7.8	1.91	8.2	2.02	8.5	2.08	8.7	2.12	8.8	2.17	9.1	2.23	9.4	2.29
	35	7.7	1.93	8.1	2.04	8.3	2.10	8.5	2.14	8.7	2.19	8.9	2.25	9.2	2.32
	37	7.5	1.94	7.9	2.05	8.2	2.11	8.3	2.15	8.5	2.20	8.7	2.26	9.0	2.33
	39	7.3	1.95	7.8	2.06	8.0	2.12	8.2	2.17	8.3	2.21	8.6	2.27	8.8	2.34
	41	7.2	1.96	7.6	2.07	7.8	2.13	8.0	2.18	8.2	2.22	8.4	2.29	8.6	2.35
	43	7.1	1.97	7.4	2.08	7.7	2.14	7.8	2.19	8.0	2.23	8.2	2.30	8.5	2.36
	45	6.9	1.98	7.3	2.09	7.5	2.15	7.7	2.20	7.8	2.24	8.1	2.31	8.3	2.37
	48	6.8	1.99	7.2	2.10	7.4	2.16	7.5	2.21	7.7	2.25	7.9	2.32	8.1	2.39
	50	6.6	2.00	7.0	2.11	7.2	2.18	7.4	2.22	7.5	2.26	7.7	2.33	8.0	2.40
	52	6.5	2.01	6.9	2.12	7.1	2.19	7.2	2.23	7.4	2.28	7.6	2.34	7.8	2.41
	55	6.4	2.02	6.7	2.13	6.9	2.20	7.1	2.24	7.2	2.29	7.4	2.35	7.7	2.42

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	4.9	0.69	5.1	0.73	5.3	0.75	5.4	0.77	5.5	0.78	5.7	0.81	5.8	0.83
	-2	4.8	0.70	5.0	0.74	5.2	0.76	5.3	0.78	5.4	0.79	5.6	0.82	5.7	0.84
	0	4.7	0.71	4.9	0.75	5.1	0.77	5.2	0.78	5.3	0.80	5.4	0.82	5.6	0.85
	2	4.6	0.71	4.8	0.75	5.0	0.78	5.1	0.79	5.2	0.81	5.3	0.83	5.5	0.86
	4	4.5	0.72	4.7	0.76	4.9	0.78	5.0	0.80	5.1	0.82	5.2	0.84	5.4	0.86
	6	4.4	0.73	4.6	0.77	4.8	0.79	4.9	0.81	5.0	0.82	5.1	0.85	5.3	0.87
	8	4.3	0.73	4.6	0.78	4.7	0.80	4.8	0.82	4.9	0.83	5.0	0.86	5.2	0.88
	10	5.8	0.98	6.1	1.03	6.3	1.06	6.4	1.08	6.5	1.11	6.7	1.14	6.9	1.17
	12	5.7	1.02	6.0	1.07	6.2	1.11	6.3	1.13	6.4	1.15	6.6	1.19	6.8	1.22
	14	5.6	1.06	5.9	1.12	6.0	1.15	6.2	1.18	6.3	1.20	6.5	1.23	6.7	1.27
	16	5.4	1.10	5.7	1.16	5.9	1.20	6.0	1.22	6.2	1.25	6.3	1.29	6.5	1.32
	18	6.3	1.24	6.7	1.30	6.9	1.35	7.0	1.37	7.2	1.40	7.4	1.44	7.6	1.48
	20	6.2	1.25	6.5	1.32	6.7	1.36	6.9	1.39	7.0	1.41	7.2	1.46	7.4	1.50
	21	6.1	1.26	6.4	1.33	6.6	1.37	6.8	1.40	6.9	1.43	7.1	1.47	7.3	1.51
	23	6.0	1.27	6.3	1.34	6.5	1.39	6.6	1.41	6.8	1.44	7.0	1.49	7.1	1.53
	25	5.8	1.29	6.2	1.36	6.4	1.40	6.5	1.43	6.6	1.46	6.8	1.50	7.0	1.54
	27	7.2	1.60	7.6	1.69	7.8	1.75	8.0	1.78	8.1	1.82	8.4	1.87	8.6	1.93
	29	7.0	1.62	7.4	1.71	7.7	1.76	7.8	1.80	8.0	1.84	8.2	1.89	8.5	1.94
	31	6.9	1.64	7.3	1.73	7.5	1.78	7.7	1.82	7.8	1.86	8.1	1.91	8.3	1.96
	33	6.8	1.65	7.1	1.75	7.4	1.80	7.5	1.84	7.7	1.87	7.9	1.93	8.1	1.98
	35	6.6	1.67	7.0	1.76	7.2	1.82	7.4	1.86	7.5	1.89	7.7	1.95	8.0	2.00
	37	6.5	1.68	6.9	1.77	7.1	1.83	7.2	1.87	7.4	1.90	7.6	1.96	7.8	2.01
	39	6.4	1.69	6.7	1.78	6.9	1.84	7.1	1.87	7.2	1.91	7.4	1.97	7.6	2.02
	41	6.2	1.70	6.6	1.79	6.8	1.85	6.9	1.88	7.1	1.92	7.3	1.98	7.5	2.03
	43	6.1	1.70	6.5	1.80	6.7	1.86	6.8	1.89	6.9	1.93	7.1	1.99	7.3	2.04
	45	6.0	1.71	6.3	1.81	6.5	1.86	6.7	1.90	6.8	1.94	7.0	2.00	7.2	2.06
	48	5.9	1.72	6.2	1.82	6.4	1.87	6.5	1.91	6.7	1.95	6.9	2.01	7.1	2.07
	50	5.8	1.73	6.1	1.83	6.3	1.88	6.4	1.92	6.5	1.96	6.7	2.02	6.9	2.08
	52	5.6	1.74	6.0	1.83	6.1	1.89	6.3	1.93	6.4	1.97	6.6	2.03	6.8	2.09
	55	5.5	1.75	5.8	1.84	6.0	1.90	6.1	1.94	6.3	1.98	6.5	2.04	6.6	2.10

CHV-DH140W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	9.9	1.45	10.4	1.53	10.7	1.58	11.0	1.62	11.2	1.65	11.5	1.70	11.8	1.74
	-2	9.7	1.47	10.2	1.55	10.5	1.60	10.8	1.63	11.0	1.66	11.3	1.71	11.6	1.76
	0	9.5	1.48	10.0	1.57	10.3	1.62	10.5	1.65	10.8	1.68	11.1	1.73	11.4	1.78
	2	9.3	1.50	9.8	1.58	10.1	1.63	10.3	1.67	10.5	1.70	10.8	1.75	11.2	1.80
	4	9.1	1.51	9.6	1.60	9.9	1.65	10.1	1.68	10.3	1.72	10.6	1.77	10.9	1.82
	6	8.9	1.53	9.4	1.61	9.7	1.66	9.9	1.70	10.1	1.73	10.4	1.78	10.7	1.83
	8	8.8	1.54	9.3	1.63	9.5	1.68	9.7	1.72	9.9	1.75	10.2	1.80	10.5	1.85
	10	11.7	2.05	12.4	2.16	12.8	2.23	13.0	2.28	13.3	2.32	13.7	2.39	14.1	2.46
	12	11.5	2.13	12.1	2.25	12.5	2.32	12.8	2.37	13.0	2.42	13.4	2.49	13.8	2.56
	14	11.3	2.22	11.9	2.35	12.3	2.42	12.5	2.47	12.8	2.52	13.2	2.59	13.5	2.67
	16	11.1	2.32	11.7	2.45	12.0	2.52	12.3	2.57	12.5	2.63	12.9	2.70	13.3	2.78
	18	12.8	2.60	13.6	2.74	14.0	2.83	14.3	2.88	14.6	2.94	15.0	3.03	15.4	3.12
	20	12.6	2.62	13.3	2.77	13.7	2.86	14.0	2.91	14.3	2.97	14.7	3.06	15.1	3.15
	21	12.3	2.65	13.0	2.80	13.4	2.88	13.7	2.94	14.0	3.00	14.4	3.09	14.8	3.18
	23	12.1	2.68	12.8	2.82	13.2	2.91	13.4	2.97	13.7	3.03	14.1	3.12	14.5	3.21
	25	11.9	2.70	12.5	2.85	12.9	2.94	13.2	3.00	13.4	3.06	13.8	3.15	14.2	3.24
	27	14.6	3.37	15.4	3.56	15.9	3.67	16.2	3.75	16.5	3.82	17.0	3.93	17.5	4.05
	29	14.3	3.41	15.1	3.59	15.6	3.71	15.9	3.78	16.2	3.86	16.7	3.97	17.2	4.09
	31	14.0	3.44	14.8	3.63	15.3	3.75	15.6	3.82	15.9	3.90	16.4	4.01	16.8	4.13
	33	13.8	3.47	14.5	3.67	15.0	3.78	15.3	3.86	15.6	3.94	16.0	4.05	16.5	4.17
	35	13.5	3.51	14.2	3.71	14.7	3.82	15.0	3.90	15.3	3.98	15.7	4.10	16.2	4.21
	37	13.2	3.53	13.9	3.72	14.4	3.84	14.7	3.92	15.0	4.00	15.4	4.12	15.9	4.23
	39	12.6	3.46	13.2	3.65	13.7	3.76	13.9	3.84	14.2	3.92	14.6	4.03	15.1	4.15
	41	11.9	3.39	12.6	3.58	13.0	3.69	13.2	3.76	13.5	3.84	13.9	3.95	14.3	4.07
	43	11.3	3.32	12.0	3.50	12.3	3.62	12.6	3.69	12.8	3.76	13.2	3.87	13.6	3.98
	45	10.8	3.22	11.4	3.40	11.7	3.51	12.0	3.58	12.2	3.65	12.6	3.76	12.9	3.86
	48	10.2	3.06	10.8	3.23	11.1	3.33	11.4	3.40	11.6	3.47	11.9	3.57	12.3	3.67
	50	9.7	2.81	10.3	2.97	10.6	3.06	10.8	3.13	11.0	3.19	11.3	3.28	11.7	3.38
	52	9.2	2.59	9.7	2.73	10.0	2.82	10.3	2.88	10.5	2.93	10.8	3.02	11.1	3.11
	55	8.8	2.38	9.3	2.51	9.5	2.59	9.7	2.65	9.9	2.70	10.2	2.78	10.5	2.86
120%	-5	9.7	1.44	10.2	1.52	10.5	1.57	10.8	1.60	11.0	1.63	11.3	1.68	11.6	1.73
	-2	9.5	1.45	10.0	1.54	10.3	1.58	10.5	1.62	10.8	1.65	11.1	1.70	11.4	1.75
	0	9.3	1.47	9.8	1.55	10.1	1.60	10.3	1.63	10.5	1.67	10.9	1.71	11.2	1.76
	2	9.1	1.48	9.6	1.57	9.9	1.62	10.1	1.65	10.3	1.68	10.6	1.73	11.0	1.78
	4	8.9	1.50	9.4	1.58	9.7	1.63	9.9	1.67	10.1	1.70	10.4	1.75	10.7	1.80
	6	8.8	1.51	9.3	1.60	9.6	1.65	9.7	1.68	9.9	1.72	10.2	1.77	10.5	1.82
	8	8.6	1.53	9.1	1.61	9.4	1.67	9.6	1.70	9.7	1.73	10.0	1.78	10.3	1.84
	10	11.5	2.03	12.2	2.14	12.5	2.21	12.8	2.26	13.0	2.30	13.4	2.37	13.8	2.44
	12	11.3	2.11	11.9	2.23	12.3	2.30	12.5	2.35	12.8	2.40	13.2	2.47	13.5	2.54
	14	11.1	2.20	11.7	2.32	12.0	2.40	12.3	2.45	12.5	2.50	12.9	2.57	13.3	2.64
	16	10.8	2.29	11.5	2.42	11.8	2.50	12.1	2.55	12.3	2.60	12.7	2.68	13.0	2.75
	18	12.6	2.57	13.3	2.71	13.7	2.80	14.0	2.86	14.3	2.91	14.7	3.00	15.1	3.09
	20	12.4	2.60	13.0	2.74	13.5	2.83	13.7	2.89	14.0	2.94	14.4	3.03	14.8	3.12
	21	12.1	2.62	12.8	2.77	13.2	2.86	13.5	2.91	13.7	2.97	14.1	3.06	14.5	3.15
	23	11.9	2.65	12.5	2.80	12.9	2.89	13.2	2.94	13.5	3.00	13.9	3.09	14.3	3.18
	25	11.6	2.68	12.3	2.83	12.7	2.91	12.9	2.97	13.2	3.03	13.6	3.12	14.0	3.21
	27	14.3	3.34	15.1	3.52	15.6	3.64	15.9	3.71	16.2	3.78	16.7	3.90	17.2	4.01
	29	14.0	3.37	14.8	3.56	15.3	3.67	15.6	3.75	15.9	3.82	16.4	3.94	16.8	4.05
	31	13.8	3.41	14.5	3.60	15.0	3.71	15.3	3.79	15.6	3.86	16.1	3.97	16.5	4.09
	33	13.5	3.44	14.2	3.63	14.7	3.75	15.0	3.82	15.3	3.90	15.7	4.02	16.2	4.13
	35	13.2	3.48	14.0	3.67	14.4	3.79	14.7	3.86	15.0	3.94	15.4	4.06	15.9	4.17
	37	13.0	3.49	13.7	3.69	14.1	3.80	14.4	3.88	14.7	3.96	15.1	4.08	15.6	4.19
	39	12.3	3.42	13.0	3.61	13.4	3.73	13.7	3.80	14.0	3.88	14.4	3.99	14.8	4.11
	41	11.7	3.36	12.4	3.54	12.7	3.65	13.0	3.73	13.3	3.80	13.7	3.91	14.0	4.03
	43	11.1	3.29	11.7	3.47	12.1	3.58	12.4	3.65	12.6	3.73	13.0	3.84	13.3	3.95
	45	10.6	3.19	11.1	3.37	11.5	3.47	11.7	3.54	12.0	3.61	12.3	3.72	12.7	3.83
	48	10.0	3.03	10.6	3.20	10.9	3.30	11.1	3.37	11.4	3.43	11.7	3.54	12.0	3.64
	50	9.5	2.79	10.1	2.94	10.4	3.04	10.6	3.10	10.8	3.16	11.1	3.25	11.4	3.35
	52	9.1	2.56	9.6	2.71	9.9	2.79	10.1	2.85	10.3	2.91	10.6	2.99	10.9	3.08
	55	8.6	2.36	9.1	2.49	9.4	2.57	9.6	2.62	9.7	2.67	10.0	2.75	10.3	2.83

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	9.5	1.43	10.0	1.51	10.3	1.55	10.6	1.58	10.8	1.62	11.1	1.66	11.4	1.71
	-2	9.3	1.44	9.8	1.52	10.1	1.57	10.3	1.60	10.6	1.63	10.9	1.68	11.2	1.73
	0	9.1	1.46	9.6	1.54	9.9	1.58	10.1	1.62	10.3	1.65	10.7	1.70	11.0	1.75
	2	9.0	1.47	9.4	1.55	9.7	1.60	9.9	1.63	10.1	1.67	10.4	1.71	10.7	1.76
	4	8.8	1.48	9.3	1.57	9.6	1.62	9.8	1.65	9.9	1.68	10.2	1.73	10.5	1.78
	6	8.6	1.50	9.1	1.58	9.4	1.63	9.6	1.67	9.8	1.70	10.0	1.75	10.3	1.80
	8	8.4	1.51	8.9	1.60	9.2	1.65	9.4	1.68	9.6	1.72	9.8	1.77	10.1	1.82
	10	11.3	2.01	11.9	2.12	12.3	2.19	12.5	2.23	12.8	2.28	13.2	2.35	13.6	2.41
	12	11.1	2.09	11.7	2.21	12.1	2.28	12.3	2.33	12.5	2.37	12.9	2.44	13.3	2.51
	14	10.9	2.18	11.5	2.30	11.8	2.38	12.1	2.42	12.3	2.47	12.7	2.54	13.0	2.62
	16	10.6	2.27	11.2	2.40	11.6	2.47	11.8	2.52	12.1	2.57	12.4	2.65	12.8	2.73
	18	12.4	2.55	13.0	2.69	13.5	2.77	13.7	2.83	14.0	2.89	14.4	2.97	14.8	3.06
	20	12.1	2.57	12.8	2.71	13.2	2.80	13.5	2.86	13.7	2.91	14.1	3.00	14.5	3.09
	21	11.9	2.60	12.5	2.74	12.9	2.83	13.2	2.89	13.5	2.94	13.9	3.03	14.3	3.12
	23	11.6	2.62	12.3	2.77	12.7	2.86	12.9	2.92	13.2	2.97	13.6	3.06	14.0	3.15
	25	11.4	2.65	12.1	2.80	12.4	2.89	12.7	2.95	12.9	3.00	13.3	3.09	13.7	3.18
	27	14.0	3.31	14.8	3.49	15.3	3.60	15.6	3.67	15.9	3.75	16.4	3.86	16.9	3.97
	29	13.8	3.34	14.5	3.53	15.0	3.64	15.3	3.71	15.6	3.79	16.1	3.90	16.5	4.01
	31	13.5	3.37	14.3	3.56	14.7	3.67	15.0	3.75	15.3	3.82	15.8	3.94	16.2	4.05
	33	13.2	3.41	14.0	3.60	14.4	3.71	14.7	3.79	15.0	3.86	15.4	3.98	15.9	4.09
	35	13.0	3.44	13.7	3.63	14.1	3.75	14.4	3.83	14.7	3.90	15.1	4.02	15.6	4.13
	37	12.7	3.46	13.4	3.65	13.8	3.77	14.1	3.84	14.4	3.92	14.8	4.04	15.3	4.15
	39	12.1	3.39	12.8	3.58	13.2	3.69	13.4	3.77	13.7	3.84	14.1	3.96	14.5	4.07
	41	11.5	3.32	12.1	3.51	12.5	3.62	12.8	3.69	13.0	3.77	13.4	3.88	13.8	3.99
	43	10.9	3.26	11.5	3.44	11.9	3.55	12.1	3.62	12.4	3.69	12.7	3.80	13.1	3.91
	45	10.4	3.16	10.9	3.33	11.3	3.44	11.5	3.51	11.7	3.58	12.1	3.68	12.4	3.79
	48	9.8	3.00	10.4	3.17	10.7	3.27	10.9	3.33	11.2	3.40	11.5	3.50	11.8	3.60
	50	9.3	2.76	9.9	2.91	10.2	3.01	10.4	3.07	10.6	3.13	10.9	3.22	11.2	3.31
	52	8.9	2.54	9.4	2.68	9.7	2.77	9.9	2.82	10.1	2.88	10.4	2.96	10.7	3.05
	55	8.4	2.34	8.9	2.47	9.2	2.54	9.4	2.60	9.6	2.65	9.8	2.73	10.1	2.80
100%	-5	9.2	1.40	9.7	1.48	10.0	1.52	10.2	1.55	10.5	1.58	10.8	1.63	11.1	1.68
	-2	9.0	1.41	9.5	1.49	9.8	1.54	10.0	1.57	10.2	1.60	10.5	1.65	10.9	1.69
	0	8.9	1.43	9.4	1.51	9.7	1.55	9.9	1.58	10.0	1.62	10.3	1.66	10.6	1.71
	2	8.7	1.44	9.2	1.52	9.5	1.57	9.7	1.60	9.9	1.63	10.1	1.68	10.4	1.73
	4	8.5	1.46	9.0	1.54	9.3	1.58	9.5	1.62	9.7	1.65	9.9	1.70	10.2	1.75
	6	8.4	1.47	8.8	1.55	9.1	1.60	9.3	1.63	9.5	1.67	9.7	1.72	10.0	1.76
	8	8.2	1.49	8.6	1.57	8.9	1.62	9.1	1.65	9.3	1.68	9.6	1.73	9.8	1.78
	10	11.0	1.97	11.6	2.08	11.9	2.15	12.2	2.19	12.4	2.23	12.8	2.30	13.2	2.36
	12	10.7	2.05	11.3	2.17	11.7	2.24	11.9	2.28	12.2	2.33	12.5	2.40	12.9	2.46
	14	10.5	2.14	11.1	2.26	11.5	2.33	11.7	2.38	11.9	2.42	12.3	2.49	12.6	2.57
	16	10.3	2.23	10.9	2.35	11.3	2.43	11.5	2.48	11.7	2.52	12.1	2.60	12.4	2.67
	18	12.0	2.50	12.7	2.64	13.1	2.72	13.3	2.77	13.6	2.83	14.0	2.91	14.4	3.00
	20	11.8	2.52	12.4	2.66	12.8	2.75	13.1	2.80	13.3	2.86	13.7	2.94	14.1	3.03
	21	11.5	2.55	12.2	2.69	12.6	2.77	12.8	2.83	13.1	2.89	13.5	2.97	13.8	3.06
	23	11.3	2.57	11.9	2.72	12.3	2.80	12.6	2.86	12.8	2.92	13.2	3.00	13.6	3.09
	25	11.1	2.60	11.7	2.74	12.1	2.83	12.3	2.89	12.6	2.95	12.9	3.03	13.3	3.12
	27	13.6	3.24	14.4	3.42	14.9	3.53	15.2	3.60	15.5	3.67	15.9	3.78	16.4	3.89
	29	13.4	3.27	14.1	3.46	14.6	3.57	14.9	3.64	15.2	3.71	15.6	3.82	16.0	3.93
	31	13.1	3.31	13.8	3.49	14.3	3.60	14.6	3.68	14.9	3.75	15.3	3.86	15.7	3.97
	33	12.9	3.34	13.6	3.53	14.0	3.64	14.3	3.71	14.6	3.79	15.0	3.90	15.4	4.01
	35	12.6	3.38	13.3	3.56	13.7	3.68	14.0	3.75	14.3	3.83	14.7	3.94	15.1	4.05
	37	12.3	3.39	13.0	3.58	13.4	3.69	13.7	3.81	14.0	3.84	14.4	3.96	14.8	4.07
	39	11.7	3.32	12.4	3.51	12.8	3.62	13.4	3.87	13.3	3.77	13.7	3.88	14.1	3.99
	41	11.1	3.26	11.8	3.44	12.1	3.55	13.2	3.93	12.6	3.69	13.0	3.80	13.4	3.91
	43	10.6	3.19	11.2	3.37	11.5	3.48	12.9	4.00	12.0	3.62	12.4	3.72	12.7	3.83
	45	10.1	3.10	10.6	3.27	11.0	3.37	12.7	4.06	11.4	3.51	11.7	3.61	12.1	3.72
	48	9.6	2.94	10.1	3.11	10.4	3.20	12.4	4.12	10.8	3.33	11.1	3.43	11.5	3.53
	50	9.1	2.71	9.6	2.86	9.9	2.95	12.2	4.19	10.3	3.07	10.6	3.16	10.9	3.25
	52	8.6	2.49	9.1	2.63	9.4	2.71	11.9	4.26	9.8	2.82	10.1	2.90	10.3	2.99
	55	8.2	2.29	8.6	2.42	8.9	2.49	11.7	4.33	9.3	2.60	9.6	2.67	9.8	2.75

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	8.8	1.31	9.2	1.39	9.5	1.43	9.7	1.46	9.9	1.49	10.2	1.53	10.5	1.58
	-2	8.6	1.33	9.1	1.40	9.4	1.45	9.5	1.47	9.7	1.50	10.0	1.55	10.3	1.59
	0	8.4	1.34	8.9	1.42	9.2	1.46	9.4	1.49	9.5	1.52	9.8	1.56	10.1	1.61
	2	8.3	1.35	8.7	1.43	9.0	1.47	9.2	1.50	9.4	1.54	9.6	1.58	9.9	1.63
	4	8.1	1.37	8.5	1.44	8.8	1.49	9.0	1.52	9.2	1.55	9.4	1.60	9.7	1.64
	6	7.9	1.38	8.4	1.46	8.6	1.50	8.8	1.54	9.0	1.57	9.3	1.61	9.5	1.66
	8	7.8	1.40	8.2	1.47	8.5	1.52	8.6	1.55	8.8	1.58	9.1	1.63	9.3	1.68
	10	10.4	1.85	11.0	1.96	11.3	2.02	11.6	2.06	11.8	2.10	12.2	2.16	12.5	2.22
	12	10.2	1.93	10.8	2.04	11.1	2.10	11.3	2.14	11.6	2.19	11.9	2.25	12.3	2.32
	14	10.0	2.01	10.6	2.12	10.9	2.19	11.1	2.23	11.3	2.28	11.7	2.35	12.0	2.41
	16	9.8	2.09	10.4	2.21	10.7	2.28	10.9	2.33	11.1	2.37	11.5	2.44	11.8	2.51
	18	11.4	2.35	12.0	2.48	12.4	2.56	12.7	2.61	12.9	2.66	13.3	2.74	13.7	2.82
	20	11.2	2.37	11.8	2.50	12.2	2.58	12.4	2.63	12.7	2.69	13.0	2.77	13.4	2.84
	21	11.0	2.39	11.6	2.53	11.9	2.61	12.2	2.66	12.4	2.71	12.8	2.79	13.2	2.87
	23	10.7	2.42	11.3	2.55	11.7	2.63	11.9	2.69	12.2	2.74	12.5	2.82	12.9	2.90
	25	10.5	2.44	11.1	2.58	11.5	2.66	11.7	2.71	11.9	2.77	12.3	2.85	12.6	2.93
	27	13.0	3.05	13.7	3.22	14.1	3.32	14.4	3.39	14.7	3.45	15.1	3.56	15.5	3.66
	29	12.7	3.08	13.4	3.25	13.8	3.35	14.1	3.42	14.4	3.49	14.8	3.59	15.2	3.69
	31	12.5	3.11	13.1	3.28	13.6	3.39	13.8	3.45	14.1	3.52	14.5	3.63	14.9	3.73
	33	12.2	3.14	12.9	3.32	13.3	3.42	13.6	3.49	13.8	3.56	14.2	3.66	14.7	3.77
	35	12.0	3.17	12.6	3.35	13.0	3.45	13.3	3.53	13.6	3.60	14.0	3.70	14.4	3.81
	37	11.7	3.19	12.4	3.37	12.8	3.47	13.0	3.54	13.3	3.61	13.7	3.72	14.1	3.83
	39	11.1	3.12	11.8	3.30	12.1	3.40	12.4	3.47	12.6	3.54	13.0	3.65	13.4	3.75
	41	10.6	3.06	11.2	3.23	11.5	3.33	11.8	3.40	12.0	3.47	12.4	3.57	12.7	3.67
	43	10.1	3.00	10.6	3.17	11.0	3.27	11.2	3.33	11.4	3.40	11.7	3.50	12.1	3.60
	45	9.6	2.91	10.1	3.07	10.4	3.17	10.6	3.23	10.8	3.30	11.1	3.40	11.5	3.49
	48	9.1	2.77	9.6	2.92	9.9	3.01	10.1	3.07	10.3	3.13	10.6	3.23	10.9	3.32
	50	8.6	2.54	9.1	2.69	9.4	2.77	9.6	2.83	9.8	2.88	10.1	2.97	10.3	3.05
	52	8.2	2.34	8.6	2.47	8.9	2.55	9.1	2.60	9.3	2.65	9.6	2.73	9.8	2.81
	55	7.8	2.15	8.2	2.27	8.5	2.34	8.6	2.39	8.8	2.44	9.1	2.51	9.3	2.58
80%	-5	7.9	1.19	8.4	1.25	8.6	1.29	8.8	1.32	9.0	1.35	9.3	1.39	9.5	1.43
	-2	7.8	1.20	8.2	1.27	8.5	1.31	8.6	1.33	8.8	1.36	9.1	1.40	9.3	1.44
	0	7.6	1.21	8.0	1.28	8.3	1.32	8.5	1.35	8.6	1.37	8.9	1.41	9.1	1.46
	2	7.5	1.22	7.9	1.29	8.1	1.33	8.3	1.36	8.5	1.39	8.7	1.43	9.0	1.47
	4	7.3	1.24	7.7	1.31	8.0	1.35	8.1	1.37	8.3	1.40	8.5	1.44	8.8	1.48
	6	7.2	1.25	7.6	1.32	7.8	1.36	8.0	1.39	8.1	1.42	8.4	1.46	8.6	1.50
	8	7.0	1.26	7.4	1.33	7.7	1.37	7.8	1.40	8.0	1.43	8.2	1.47	8.5	1.51
	10	9.4	1.68	10.0	1.77	10.3	1.82	10.5	1.86	10.7	1.90	11.0	1.95	11.3	2.01
	12	9.2	1.74	9.8	1.84	10.1	1.90	10.3	1.94	10.5	1.98	10.8	2.04	11.1	2.09
	14	9.1	1.82	9.6	1.92	9.9	1.98	10.1	2.02	10.3	2.06	10.6	2.12	10.9	2.18
	16	8.9	1.89	9.4	2.00	9.7	2.06	9.9	2.10	10.1	2.15	10.4	2.21	10.7	2.27
	18	10.3	2.12	10.9	2.24	11.2	2.31	11.5	2.36	11.7	2.40	12.0	2.48	12.4	2.55
	20	10.1	2.14	10.7	2.26	11.0	2.33	11.2	2.38	11.5	2.43	11.8	2.50	12.1	2.57
	21	9.9	2.16	10.5	2.29	10.8	2.36	11.0	2.41	11.2	2.45	11.6	2.53	11.9	2.60
	23	9.7	2.19	10.3	2.31	10.6	2.38	10.8	2.43	11.0	2.48	11.3	2.55	11.7	2.62
	25	9.5	2.21	10.1	2.33	10.4	2.41	10.6	2.45	10.8	2.50	11.1	2.58	11.4	2.65
	27	11.7	2.76	12.4	2.91	12.8	3.00	13.0	3.06	13.3	3.12	13.7	3.21	14.1	3.31
	29	11.5	2.78	12.1	2.94	12.5	3.03	12.8	3.09	13.0	3.15	13.4	3.25	13.8	3.34
	31	11.3	2.81	11.9	2.97	12.3	3.06	12.5	3.12	12.8	3.19	13.2	3.28	13.5	3.37
	33	11.1	2.84	11.7	3.00	12.0	3.09	12.3	3.16	12.5	3.22	12.9	3.31	13.3	3.41
	35	10.8	2.87	11.4	3.03	11.8	3.12	12.0	3.19	12.3	3.25	12.6	3.35	13.0	3.44
	37	10.6	2.88	11.2	3.04	11.6	3.14	11.8	3.20	12.0	3.27	12.4	3.36	12.7	3.46
	39	10.1	2.83	10.6	2.98	11.0	3.08	11.2	3.14	11.4	3.20	11.8	3.30	12.1	3.39
	41	9.6	2.77	10.1	2.92	10.4	3.02	10.6	3.08	10.9	3.14	11.2	3.23	11.5	3.32
	43	9.1	2.71	9.6	2.86	9.9	2.95	10.1	3.02	10.3	3.08	10.6	3.17	10.9	3.26
	45	8.6	2.63	9.1	2.78	9.4	2.87	9.6	2.92	9.8	2.98	10.1	3.07	10.4	3.16
	48	8.2	2.50	8.7	2.64	8.9	2.72	9.1	2.78	9.3	2.83	9.6	2.92	9.9	3.00
	50	7.8	2.30	8.2	2.43	8.5	2.50	8.7	2.56	8.8	2.61	9.1	2.68	9.4	2.76
	52	7.4	2.12	7.8	2.23	8.1	2.30	8.2	2.35	8.4	2.40	8.7	2.47	8.9	2.54
	55	7.0	1.95	7.4	2.06	7.7	2.12	7.8	2.16	8.0	2.21	8.2	2.27	8.5	2.34

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	7.1	1.06	7.5	1.12	7.7	1.16	7.9	1.18	8.0	1.20	8.3	1.24	8.5	1.28
	-2	7.0	1.07	7.3	1.13	7.6	1.17	7.7	1.19	7.9	1.22	8.1	1.25	8.4	1.29
	0	6.8	1.08	7.2	1.14	7.4	1.18	7.6	1.20	7.7	1.23	8.0	1.26	8.2	1.30
	2	6.7	1.10	7.1	1.16	7.3	1.19	7.4	1.22	7.6	1.24	7.8	1.28	8.0	1.31
	4	6.6	1.11	6.9	1.17	7.1	1.20	7.3	1.23	7.4	1.25	7.7	1.29	7.9	1.33
	6	6.4	1.12	6.8	1.18	7.0	1.22	7.1	1.24	7.3	1.27	7.5	1.30	7.7	1.34
	8	6.3	1.13	6.7	1.19	6.9	1.23	7.0	1.25	7.1	1.28	7.4	1.32	7.6	1.35
	10	8.4	1.50	8.9	1.58	9.2	1.63	9.4	1.66	9.6	1.70	9.8	1.75	10.1	1.80
	12	8.3	1.56	8.7	1.65	9.0	1.70	9.2	1.73	9.4	1.77	9.7	1.82	9.9	1.87
	14	8.1	1.63	8.6	1.72	8.8	1.77	9.0	1.81	9.2	1.84	9.5	1.90	9.7	1.95
	16	8.0	1.69	8.4	1.79	8.7	1.84	8.8	1.88	9.0	1.92	9.3	1.98	9.5	2.03
	18	9.2	1.90	9.8	2.00	10.1	2.07	10.3	2.11	10.5	2.15	10.8	2.21	11.1	2.28
	20	9.1	1.92	9.6	2.02	9.9	2.09	10.1	2.13	10.3	2.17	10.6	2.24	10.9	2.30
	21	8.9	1.94	9.4	2.04	9.7	2.11	9.9	2.15	10.1	2.19	10.4	2.26	10.7	2.32
	23	8.7	1.96	9.2	2.06	9.5	2.13	9.7	2.17	9.9	2.22	10.2	2.28	10.5	2.35
	25	8.5	1.98	9.0	2.08	9.3	2.15	9.5	2.19	9.7	2.24	10.0	2.30	10.2	2.37
	27	10.5	2.46	11.1	2.60	11.4	2.68	11.7	2.74	11.9	2.79	12.3	2.87	12.6	2.96
	29	10.3	2.49	10.9	2.63	11.2	2.71	11.4	2.77	11.7	2.82	12.0	2.90	12.4	2.99
	31	10.1	2.51	10.7	2.65	11.0	2.74	11.2	2.79	11.4	2.85	11.8	2.93	12.1	3.02
	33	9.9	2.54	10.4	2.68	10.8	2.77	11.0	2.82	11.2	2.88	11.5	2.96	11.9	3.05
	35	9.7	2.57	10.2	2.71	10.6	2.79	10.8	2.85	11.0	2.91	11.3	2.99	11.6	3.08
	37	9.5	2.58	10.0	2.72	10.4	2.81	10.6	2.86	10.8	2.92	11.1	3.01	11.4	3.09
	39	9.3	2.59	9.8	2.73	10.1	2.82	10.4	2.88	10.6	2.94	10.9	3.02	11.2	3.11
	41	9.1	2.60	9.6	2.75	9.9	2.84	10.1	2.89	10.3	2.95	10.7	3.04	11.0	3.12
	43	8.9	2.62	9.4	2.76	9.7	2.85	9.9	2.91	10.1	2.97	10.4	3.05	10.7	3.14
	45	8.8	2.63	9.3	2.78	9.5	2.86	9.7	2.92	9.9	2.98	10.2	3.07	10.5	3.16
	48	8.6	2.64	9.1	2.79	9.4	2.88	9.5	2.94	9.7	3.00	10.0	3.08	10.3	3.17
	50	8.4	2.66	8.9	2.80	9.2	2.89	9.4	2.95	9.5	3.01	9.8	3.10	10.1	3.19
	52	8.3	2.67	8.7	2.82	9.0	2.91	9.2	2.97	9.4	3.03	9.6	3.11	9.9	3.20
	55	8.1	2.68	8.5	2.83	8.8	2.92	9.0	2.98	9.2	3.04	9.4	3.13	9.7	3.22
60%	-5	6.3	0.94	6.6	0.99	6.8	1.02	7.0	1.04	7.1	1.06	7.3	1.09	7.5	1.12
	-2	6.1	0.95	6.5	1.00	6.7	1.03	6.8	1.05	7.0	1.07	7.2	1.10	7.4	1.14
	0	6.0	0.96	6.4	1.01	6.6	1.04	6.7	1.06	6.8	1.08	7.0	1.12	7.2	1.15
	2	5.9	0.97	6.2	1.02	6.4	1.05	6.6	1.07	6.7	1.09	6.9	1.13	7.1	1.16
	4	5.8	0.98	6.1	1.03	6.3	1.06	6.4	1.08	6.6	1.11	6.8	1.14	7.0	1.17
	6	5.7	0.99	6.0	1.04	6.2	1.07	6.3	1.09	6.4	1.12	6.6	1.15	6.8	1.18
	8	5.6	0.99	5.9	1.05	6.1	1.08	6.2	1.11	6.3	1.13	6.5	1.16	6.7	1.19
	10	7.5	1.32	7.9	1.39	8.1	1.44	8.3	1.47	8.4	1.50	8.7	1.54	8.9	1.58
	12	7.3	1.38	7.7	1.45	8.0	1.50	8.1	1.53	8.3	1.56	8.5	1.60	8.8	1.65
	14	7.2	1.43	7.6	1.51	7.8	1.56	8.0	1.59	8.1	1.62	8.4	1.67	8.6	1.72
	16	7.0	1.49	7.4	1.58	7.7	1.63	7.8	1.66	8.0	1.69	8.2	1.74	8.4	1.79
	18	8.2	1.67	8.6	1.77	8.9	1.82	9.1	1.86	9.2	1.90	9.5	1.95	9.8	2.01
	20	8.0	1.69	8.4	1.78	8.7	1.84	8.9	1.88	9.1	1.91	9.3	1.97	9.6	2.03
	21	7.8	1.71	8.3	1.80	8.5	1.86	8.7	1.90	8.9	1.93	9.2	1.99	9.4	2.05
	23	7.7	1.72	8.1	1.82	8.4	1.88	8.5	1.92	8.7	1.95	9.0	2.01	9.2	2.07
	25	7.5	1.74	8.0	1.84	8.2	1.90	8.4	1.93	8.5	1.97	8.8	2.03	9.0	2.09
	27	9.3	2.17	9.8	2.29	10.1	2.37	10.3	2.41	10.5	2.46	10.8	2.53	11.1	2.61
	29	9.1	2.19	9.6	2.32	9.9	2.39	10.1	2.44	10.3	2.49	10.6	2.56	10.9	2.63
	31	8.9	2.22	9.4	2.34	9.7	2.41	9.9	2.46	10.1	2.51	10.4	2.59	10.7	2.66
	33	8.7	2.24	9.2	2.36	9.5	2.44	9.7	2.49	9.9	2.54	10.2	2.61	10.5	2.69
	35	8.6	2.26	9.0	2.39	9.3	2.46	9.5	2.51	9.7	2.56	10.0	2.64	10.3	2.71
	37	8.4	2.27	8.9	2.40	9.1	2.47	9.3	2.53	9.5	2.58	9.8	2.65	10.1	2.73
	39	8.2	2.28	8.7	2.41	9.0	2.49	9.1	2.54	9.3	2.59	9.6	2.66	9.9	2.74
	41	8.1	2.30	8.5	2.42	8.8	2.50	9.0	2.55	9.1	2.60	9.4	2.68	9.7	2.75
	43	7.9	2.31	8.3	2.43	8.6	2.51	8.8	2.56	9.0	2.61	9.2	2.69	9.5	2.77
	45	7.7	2.32	8.2	2.45	8.4	2.52	8.6	2.58	8.8	2.63	9.0	2.70	9.3	2.78
	48	7.6	2.33	8.0	2.46	8.3	2.54	8.4	2.59	8.6	2.64	8.9	2.72	9.1	2.80
	50	7.4	2.34	7.9	2.47	8.1	2.55	8.3	2.60	8.4	2.65	8.7	2.73	8.9	2.81
	52	7.3	2.35	7.7	2.48	7.9	2.56	8.1	2.61	8.3	2.67	8.5	2.75	8.7	2.82
	55	7.1	2.37	7.5	2.50	7.8	2.58	7.9	2.63	8.1	2.68	8.3	2.76	8.6	2.84

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	5.4	0.81	5.7	0.86	5.9	0.88	6.0	0.90	6.2	0.92	6.3	0.95	6.5	0.97
	-2	5.3	0.82	5.6	0.86	5.8	0.89	5.9	0.91	6.0	0.93	6.2	0.96	6.4	0.98
	0	5.2	0.83	5.5	0.87	5.7	0.90	5.8	0.92	5.9	0.94	6.1	0.97	6.3	0.99
	2	5.1	0.84	5.4	0.88	5.6	0.91	5.7	0.93	5.8	0.95	6.0	0.98	6.2	1.00
	4	5.0	0.84	5.3	0.89	5.5	0.92	5.6	0.94	5.7	0.96	5.9	0.98	6.0	1.01
	6	4.9	0.85	5.2	0.90	5.4	0.93	5.5	0.95	5.6	0.97	5.8	0.99	5.9	1.02
	8	4.8	0.86	5.1	0.91	5.3	0.94	5.4	0.96	5.5	0.98	5.6	1.00	5.8	1.03
	10	6.5	1.14	6.8	1.21	7.0	1.24	7.2	1.27	7.3	1.30	7.5	1.33	7.8	1.37
	12	6.3	1.19	6.7	1.26	6.9	1.30	7.0	1.32	7.2	1.35	7.4	1.39	7.6	1.43
	14	6.2	1.24	6.6	1.31	6.8	1.35	6.9	1.38	7.0	1.41	7.3	1.45	7.5	1.49
	16	6.1	1.29	6.4	1.36	6.6	1.41	6.8	1.44	6.9	1.46	7.1	1.51	7.3	1.55
	18	7.1	1.45	7.5	1.53	7.7	1.58	7.9	1.61	8.0	1.64	8.3	1.69	8.5	1.74
	20	6.9	1.46	7.3	1.54	7.6	1.59	7.7	1.63	7.9	1.66	8.1	1.71	8.3	1.76
	21	6.8	1.48	7.2	1.56	7.4	1.61	7.6	1.64	7.7	1.67	7.9	1.72	8.2	1.77
	23	6.7	1.49	7.0	1.58	7.3	1.62	7.4	1.66	7.6	1.69	7.8	1.74	8.0	1.79
	25	6.5	1.51	6.9	1.59	7.1	1.64	7.3	1.67	7.4	1.71	7.6	1.76	7.9	1.81
	27	8.0	1.88	8.5	1.98	8.8	2.05	8.9	2.09	9.1	2.13	9.4	2.19	9.7	2.26
	29	7.9	1.90	8.3	2.00	8.6	2.07	8.8	2.11	8.9	2.15	9.2	2.22	9.5	2.28
	31	7.7	1.92	8.2	2.03	8.4	2.09	8.6	2.13	8.8	2.17	9.0	2.24	9.3	2.30
	33	7.6	1.94	8.0	2.05	8.3	2.11	8.4	2.15	8.6	2.20	8.8	2.26	9.1	2.33
	35	7.4	1.96	7.8	2.07	8.1	2.13	8.3	2.18	8.4	2.22	8.7	2.28	8.9	2.35
	37	7.3	1.97	7.7	2.08	7.9	2.14	8.1	2.19	8.3	2.23	8.5	2.30	8.7	2.36
	39	7.1	1.98	7.5	2.09	7.8	2.15	7.9	2.20	8.1	2.24	8.3	2.31	8.6	2.37
	41	7.0	1.99	7.4	2.10	7.6	2.16	7.8	2.21	7.9	2.25	8.2	2.32	8.4	2.38
	43	6.9	2.00	7.2	2.11	7.5	2.17	7.6	2.22	7.8	2.26	8.0	2.33	8.2	2.40
	45	6.7	2.01	7.1	2.12	7.3	2.19	7.5	2.23	7.6	2.27	7.8	2.34	8.1	2.41
	48	6.6	2.02	7.0	2.13	7.2	2.20	7.3	2.24	7.5	2.29	7.7	2.35	7.9	2.42
	50	6.5	2.03	6.8	2.14	7.0	2.21	7.2	2.25	7.3	2.30	7.5	2.36	7.7	2.43
	52	6.3	2.04	6.7	2.15	6.9	2.22	7.0	2.26	7.2	2.31	7.4	2.38	7.6	2.44
	55	6.2	2.05	6.5	2.16	6.7	2.23	6.9	2.27	7.0	2.32	7.2	2.39	7.4	2.46

CHV-DH160W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	11.3	1.84	11.9	1.94	12.3	2.01	12.5	2.05	12.8	2.09	13.2	2.15	13.5	2.21
	-2	11.1	1.86	11.7	1.96	12.0	2.03	12.3	2.07	12.5	2.11	12.9	2.17	13.3	2.23
	0	10.8	1.88	11.4	1.98	11.8	2.05	12.0	2.09	12.3	2.13	12.6	2.19	13.0	2.25
	2	10.6	1.90	11.2	2.00	11.6	2.07	11.8	2.11	12.0	2.15	12.4	2.21	12.8	2.28
	4	10.4	1.92	11.0	2.02	11.3	2.09	11.6	2.13	11.8	2.17	12.2	2.24	12.5	2.30
	6	10.2	1.94	10.8	2.04	11.1	2.11	11.4	2.15	11.6	2.19	11.9	2.26	12.3	2.32
	8	10.0	1.96	10.6	2.06	10.9	2.13	11.1	2.17	11.4	2.22	11.7	2.28	12.0	2.35
	10	13.4	2.60	14.2	2.74	14.6	2.83	14.9	2.88	15.2	2.94	15.6	3.03	16.1	3.12
	12	13.1	2.70	13.9	2.85	14.3	2.94	14.6	3.00	14.9	3.06	15.3	3.16	15.8	3.25
	14	12.9	2.82	13.6	2.97	14.0	3.07	14.3	3.13	14.6	3.19	15.0	3.29	15.5	3.38
	16	12.6	2.93	13.3	3.10	13.8	3.20	14.0	3.26	14.3	3.33	14.7	3.42	15.2	3.52
	18	14.7	3.29	15.5	3.47	16.0	3.58	16.3	3.65	16.6	3.73	17.1	3.84	17.6	3.95
	20	14.4	3.32	15.2	3.51	15.7	3.62	16.0	3.69	16.3	3.76	16.8	3.88	17.3	3.99
	21	14.1	3.36	14.9	3.54	15.4	3.65	15.7	3.73	16.0	3.80	16.5	3.91	16.9	4.03
	23	13.8	3.39	14.6	3.58	15.1	3.69	15.4	3.77	15.7	3.84	16.1	3.95	16.6	4.07
	25	13.6	3.42	14.3	3.61	14.8	3.73	15.1	3.80	15.4	3.88	15.8	3.99	16.3	4.11
	27	16.7	4.27	17.6	4.51	18.2	4.65	18.5	4.75	18.9	4.84	19.5	4.98	20.0	5.12
	29	16.4	4.31	17.3	4.55	17.8	4.70	18.2	4.79	18.5	4.89	19.1	5.03	19.6	5.18
	31	16.0	4.36	16.9	4.60	17.5	4.74	17.8	4.84	18.2	4.94	18.7	5.08	19.2	5.23
	33	15.7	4.40	16.6	4.65	17.1	4.79	17.5	4.89	17.8	4.99	18.3	5.14	18.9	5.28
	35	15.4	4.45	16.3	4.69	16.8	4.84	17.1	4.94	17.5	5.04	18.0	5.19	18.5	5.34
	37	15.1	4.47	15.9	4.72	16.4	4.87	16.8	4.96	17.1	5.06	17.6	5.21	18.1	5.36
	39	14.3	4.38	15.1	4.62	15.6	4.77	15.9	4.87	16.3	4.96	16.7	5.11	17.2	5.25
	41	13.6	4.29	14.4	4.53	14.8	4.67	15.1	4.77	15.4	4.86	15.9	5.01	16.4	5.15
	43	12.9	4.21	13.7	4.44	14.1	4.58	14.4	4.67	14.7	4.77	15.1	4.91	15.5	5.05
	45	12.3	4.08	13.0	4.31	13.4	4.44	13.7	4.53	13.9	4.62	14.3	4.76	14.8	4.90
	48	11.7	3.88	12.3	4.09	12.7	4.22	13.0	4.31	13.2	4.39	13.6	4.52	14.0	4.65
	50	11.1	3.57	11.7	3.76	12.1	3.88	12.3	3.96	12.6	4.04	12.9	4.16	13.3	4.28
	52	10.5	3.28	11.1	3.46	11.5	3.57	11.7	3.64	12.0	3.72	12.3	3.83	12.7	3.94
	55	10.0	3.02	10.6	3.19	10.9	3.29	11.1	3.35	11.4	3.42	11.7	3.52	12.0	3.62
120%	-5	11.1	1.82	11.7	1.93	12.1	1.99	12.3	2.03	12.5	2.07	12.9	2.13	13.3	2.19
	-2	10.9	1.84	11.5	1.94	11.8	2.01	12.1	2.05	12.3	2.09	12.7	2.15	13.0	2.21
	0	10.6	1.86	11.2	1.96	11.6	2.03	11.8	2.07	12.1	2.11	12.4	2.17	12.8	2.23
	2	10.4	1.88	11.0	1.98	11.4	2.05	11.6	2.09	11.8	2.13	12.2	2.19	12.5	2.26
	4	10.2	1.90	10.8	2.00	11.1	2.07	11.4	2.11	11.6	2.15	11.9	2.22	12.3	2.28
	6	10.0	1.92	10.6	2.02	10.9	2.09	11.1	2.13	11.4	2.17	11.7	2.24	12.0	2.30
	8	9.8	1.94	10.4	2.05	10.7	2.11	10.9	2.15	11.1	2.20	11.5	2.26	11.8	2.32
	10	13.2	2.57	13.9	2.71	14.3	2.80	14.6	2.86	14.9	2.91	15.4	3.00	15.8	3.09
	12	12.9	2.68	13.6	2.83	14.0	2.92	14.3	2.98	14.6	3.04	15.0	3.12	15.5	3.21
	14	12.6	2.79	13.3	2.94	13.8	3.04	14.1	3.10	14.3	3.16	14.8	3.25	15.2	3.35
	16	12.4	2.91	13.1	3.07	13.5	3.16	13.8	3.23	14.1	3.29	14.5	3.39	14.9	3.49
	18	14.4	3.26	15.2	3.44	15.7	3.55	16.0	3.62	16.3	3.69	16.8	3.80	17.3	3.91
	20	14.1	3.29	14.9	3.47	15.4	3.58	15.7	3.66	16.0	3.73	16.5	3.84	16.9	3.95
	21	13.8	3.32	14.6	3.51	15.1	3.62	15.4	3.69	15.7	3.77	16.2	3.88	16.6	3.99
	23	13.6	3.36	14.3	3.54	14.8	3.65	15.1	3.73	15.4	3.80	15.8	3.92	16.3	4.03
	25	13.3	3.39	14.0	3.58	14.5	3.69	14.8	3.77	15.1	3.84	15.5	3.96	16.0	4.07
	27	16.4	4.23	17.3	4.46	17.8	4.61	18.2	4.70	18.5	4.79	19.1	4.93	19.6	5.08
	29	16.0	4.27	16.9	4.51	17.5	4.65	17.8	4.75	18.2	4.84	18.7	4.98	19.3	5.13
	31	15.7	4.32	16.6	4.56	17.1	4.70	17.5	4.80	17.8	4.89	18.4	5.03	18.9	5.18
	33	15.4	4.36	16.3	4.60	16.8	4.75	17.1	4.84	17.5	4.94	18.0	5.09	18.5	5.23
	35	15.1	4.40	16.0	4.65	16.5	4.79	16.8	4.89	17.1	4.99	17.6	5.14	18.1	5.28
	37	14.8	4.43	15.6	4.67	16.1	4.82	16.5	4.92	16.8	5.02	17.3	5.16	17.8	5.31
	39	14.1	4.34	14.9	4.58	15.3	4.72	15.6	4.82	16.0	4.91	16.4	5.06	16.9	5.20
	41	13.4	4.25	14.1	4.49	14.6	4.63	14.9	4.72	15.2	4.82	15.6	4.96	16.0	5.10
	43	12.7	4.17	13.4	4.40	13.8	4.54	14.1	4.63	14.4	4.72	14.8	4.86	15.2	5.00
	45	12.1	4.04	12.7	4.26	13.1	4.40	13.4	4.49	13.7	4.58	14.1	4.71	14.5	4.85
	48	11.5	3.84	12.1	4.05	12.5	4.18	12.7	4.26	13.0	4.35	13.4	4.48	13.8	4.61
	50	10.9	3.53	11.5	3.73	11.9	3.84	12.1	3.92	12.3	4.00	12.7	4.12	13.1	4.24
	52	10.3	3.25	10.9	3.43	11.3	3.54	11.5	3.61	11.7	3.68	12.1	3.79	12.4	3.90
	55	9.8	2.99	10.4	3.15	10.7	3.25	10.9	3.32	11.1	3.39	11.5	3.49	11.8	3.59

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	10.9	1.81	11.5	1.91	11.8	1.97	12.1	2.01	12.3	2.05	12.7	2.11	13.0	2.17
	-2	10.6	1.82	11.2	1.93	11.6	1.99	11.8	2.03	12.1	2.07	12.4	2.13	12.8	2.19
	0	10.4	1.84	11.0	1.95	11.4	2.01	11.6	2.05	11.8	2.09	12.2	2.15	12.5	2.21
	2	10.2	1.86	10.8	1.97	11.1	2.03	11.4	2.07	11.6	2.11	11.9	2.17	12.3	2.23
	4	10.0	1.88	10.6	1.98	10.9	2.05	11.1	2.09	11.4	2.13	11.7	2.19	12.0	2.26
	6	9.8	1.90	10.4	2.00	10.7	2.07	10.9	2.11	11.1	2.15	11.5	2.22	11.8	2.28
	8	9.6	1.92	10.2	2.03	10.5	2.09	10.7	2.13	10.9	2.17	11.2	2.24	11.6	2.30
	10	12.9	2.55	13.6	2.69	14.1	2.77	14.3	2.83	14.6	2.89	15.1	2.97	15.5	3.06
	12	12.7	2.65	13.4	2.80	13.8	2.89	14.1	2.95	14.3	3.01	14.8	3.09	15.2	3.18
	14	12.4	2.76	13.1	2.92	13.5	3.01	13.8	3.07	14.1	3.13	14.5	3.22	14.9	3.32
	16	12.2	2.88	12.8	3.04	13.2	3.13	13.5	3.20	13.8	3.26	14.2	3.36	14.6	3.45
	18	14.1	3.23	14.9	3.40	15.4	3.51	15.7	3.58	16.0	3.66	16.5	3.76	17.0	3.87
	20	13.9	3.26	14.6	3.44	15.1	3.55	15.4	3.62	15.7	3.69	16.2	3.80	16.6	3.91
	21	13.6	3.29	14.3	3.47	14.8	3.58	15.1	3.66	15.4	3.73	15.8	3.84	16.3	3.95
	23	13.3	3.32	14.1	3.51	14.5	3.62	14.8	3.69	15.1	3.77	15.5	3.88	16.0	3.99
	25	13.1	3.36	13.8	3.54	14.2	3.66	14.5	3.73	14.8	3.81	15.2	3.92	15.7	4.03
	27	16.1	4.19	16.9	4.42	17.5	4.56	17.8	4.65	18.2	4.75	18.7	4.89	19.3	5.03
	29	15.7	4.23	16.6	4.47	17.1	4.61	17.5	4.70	17.8	4.80	18.4	4.94	18.9	5.08
	31	15.4	4.27	16.3	4.51	16.8	4.65	17.1	4.75	17.5	4.84	18.0	4.99	18.5	5.13
	33	15.1	4.32	16.0	4.56	16.5	4.70	16.8	4.80	17.1	4.89	17.7	5.04	18.2	5.18
	35	14.8	4.36	15.7	4.60	16.2	4.75	16.5	4.85	16.8	4.94	17.3	5.09	17.8	5.23
	37	14.5	4.38	15.3	4.63	15.8	4.77	16.2	4.87	16.5	4.97	17.0	5.11	17.4	5.26
	39	13.8	4.29	14.6	4.53	15.0	4.68	15.3	4.77	15.6	4.87	16.1	5.01	16.6	5.15
	41	13.1	4.21	13.8	4.44	14.3	4.58	14.6	4.68	14.9	4.77	15.3	4.91	15.7	5.05
	43	12.5	4.12	13.2	4.35	13.6	4.49	13.8	4.58	14.1	4.67	14.5	4.81	15.0	4.95
	45	11.8	4.00	12.5	4.22	12.9	4.36	13.2	4.45	13.4	4.53	13.8	4.67	14.2	4.80
	48	11.2	3.80	11.9	4.01	12.2	4.14	12.5	4.22	12.7	4.31	13.1	4.43	13.5	4.56
	50	10.7	3.50	11.3	3.69	11.6	3.81	11.9	3.89	12.1	3.96	12.5	4.08	12.8	4.20
	52	10.2	3.22	10.7	3.40	11.1	3.50	11.3	3.57	11.5	3.65	11.8	3.75	12.2	3.86
	55	9.6	2.96	10.2	3.12	10.5	3.22	10.7	3.29	10.9	3.35	11.3	3.45	11.6	3.55
100%	-5	10.5	1.77	11.1	1.87	11.5	1.93	11.7	1.97	11.9	2.01	12.3	2.07	12.6	2.13
	-2	10.3	1.79	10.9	1.89	11.3	1.95	11.5	1.99	11.7	2.03	12.1	2.09	12.4	2.15
	0	10.1	1.81	10.7	1.91	11.0	1.97	11.3	2.01	11.5	2.05	11.8	2.11	12.2	2.17
	2	9.9	1.83	10.5	1.93	10.8	1.99	11.0	2.03	11.3	2.07	11.6	2.13	11.9	2.19
	4	9.7	1.84	10.3	1.95	10.6	2.01	10.8	2.05	11.0	2.09	11.4	2.15	11.7	2.21
	6	9.5	1.86	10.1	1.97	10.4	2.03	10.6	2.07	10.8	2.11	11.1	2.17	11.5	2.23
	8	9.4	1.88	9.9	1.99	10.2	2.05	10.4	2.09	10.6	2.13	10.9	2.19	11.2	2.26
	10	12.5	2.50	13.2	2.63	13.6	2.72	13.9	2.77	14.2	2.83	14.6	2.91	15.0	3.00
	12	12.3	2.60	13.0	2.74	13.4	2.83	13.7	2.89	13.9	2.95	14.3	3.03	14.7	3.12
	14	12.0	2.71	12.7	2.86	13.1	2.95	13.4	3.01	13.7	3.07	14.1	3.16	14.5	3.25
	16	11.8	2.82	12.5	2.98	12.9	3.07	13.1	3.14	13.4	3.20	13.8	3.29	14.2	3.39
	18	13.7	3.16	14.5	3.34	14.9	3.44	15.2	3.51	15.5	3.58	16.0	3.69	16.5	3.79
	20	13.4	3.19	14.2	3.37	14.6	3.48	14.9	3.55	15.2	3.62	15.7	3.73	16.1	3.83
	21	13.2	3.23	13.9	3.41	14.4	3.51	14.6	3.58	14.9	3.66	15.4	3.76	15.8	3.87
	23	12.9	3.26	13.6	3.44	14.1	3.55	14.4	3.62	14.6	3.69	15.1	3.80	15.5	3.91
	25	12.7	3.29	13.4	3.47	13.8	3.58	14.1	3.66	14.4	3.73	14.8	3.84	15.2	3.95
	27	15.6	4.11	16.5	4.33	17.0	4.47	17.3	4.56	17.7	4.65	18.2	4.79	18.7	4.93
	29	15.3	4.15	16.1	4.38	16.6	4.52	17.0	4.61	17.3	4.70	17.8	4.84	18.3	4.98
	31	15.0	4.19	15.8	4.42	16.3	4.56	16.6	4.66	17.0	4.75	17.5	4.89	18.0	5.03
	33	14.7	4.23	15.5	4.47	16.0	4.61	16.3	4.70	16.6	4.80	17.1	4.94	17.6	5.08
	35	14.4	4.28	15.2	4.51	15.7	4.66	16.0	4.75	16.3	4.85	16.8	4.99	17.3	5.13
	37	14.1	4.30	14.9	4.54	15.4	4.68	15.7	4.83	16.0	4.87	16.5	5.01	16.9	5.16
	39	13.4	4.21	14.2	4.44	14.6	4.58	15.4	4.90	15.2	4.77	15.6	4.91	16.1	5.05
	41	12.7	4.13	13.4	4.36	13.9	4.49	15.1	4.98	14.4	4.68	14.9	4.81	15.3	4.95
	43	12.1	4.04	12.8	4.27	13.2	4.40	14.8	5.06	13.7	4.58	14.1	4.72	14.5	4.85
	45	11.5	3.92	12.1	4.14	12.5	4.27	14.5	5.14	13.0	4.45	13.4	4.58	13.8	4.71
	48	10.9	3.73	11.5	3.93	11.9	4.06	14.2	5.22	12.4	4.22	12.7	4.35	13.1	4.47
	50	10.4	3.43	10.9	3.62	11.3	3.73	13.9	5.31	11.8	3.89	12.1	4.00	12.4	4.11
	52	9.9	3.15	10.4	3.33	10.7	3.43	13.6	5.39	11.2	3.57	11.5	3.68	11.8	3.78
	55	9.4	2.90	9.9	3.06	10.2	3.16	13.3	5.48	10.6	3.29	10.9	3.39	11.2	3.48

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	10.0	1.66	10.6	1.76	10.9	1.81	11.1	1.85	11.3	1.89	11.7	1.94	12.0	2.00
	-2	9.8	1.68	10.4	1.77	10.7	1.83	10.9	1.87	11.1	1.91	11.5	1.96	11.8	2.02
	0	9.6	1.70	10.2	1.79	10.5	1.85	10.7	1.89	10.9	1.92	11.2	1.98	11.5	2.04
	2	9.4	1.72	10.0	1.81	10.3	1.87	10.5	1.91	10.7	1.94	11.0	2.00	11.3	2.06
	4	9.3	1.73	9.8	1.83	10.1	1.89	10.3	1.93	10.5	1.96	10.8	2.02	11.1	2.08
	6	9.1	1.75	9.6	1.85	9.9	1.91	10.1	1.94	10.3	1.98	10.6	2.04	10.9	2.10
	8	8.9	1.77	9.4	1.87	9.7	1.93	9.9	1.96	10.1	2.00	10.4	2.06	10.7	2.12
	10	11.9	2.35	12.6	2.48	13.0	2.56	13.2	2.61	13.5	2.66	13.9	2.74	14.3	2.82
	12	11.7	2.44	12.3	2.58	12.7	2.66	13.0	2.72	13.2	2.77	13.6	2.85	14.0	2.93
	14	11.4	2.55	12.1	2.69	12.5	2.77	12.7	2.83	13.0	2.89	13.3	2.97	13.7	3.06
	16	11.2	2.65	11.8	2.80	12.2	2.89	12.5	2.95	12.7	3.01	13.1	3.09	13.5	3.18
	18	13.0	2.97	13.8	3.14	14.2	3.24	14.5	3.30	14.8	3.37	15.2	3.47	15.6	3.57
	20	12.8	3.00	13.5	3.17	13.9	3.27	14.2	3.34	14.5	3.40	14.9	3.50	15.3	3.60
	21	12.5	3.03	13.2	3.20	13.6	3.30	13.9	3.37	14.2	3.44	14.6	3.54	15.0	3.64
	23	12.3	3.06	13.0	3.23	13.4	3.34	13.6	3.40	13.9	3.47	14.3	3.57	14.7	3.68
	25	12.0	3.09	12.7	3.27	13.1	3.37	13.4	3.44	13.6	3.51	14.0	3.61	14.4	3.71
	27	14.8	3.86	15.6	4.07	16.1	4.20	16.5	4.29	16.8	4.37	17.3	4.50	17.8	4.63
	29	14.5	3.90	15.3	4.12	15.8	4.25	16.1	4.33	16.5	4.42	16.9	4.55	17.4	4.68
	31	14.2	3.94	15.0	4.16	15.5	4.29	15.8	4.38	16.1	4.46	16.6	4.59	17.1	4.73
	33	14.0	3.98	14.7	4.20	15.2	4.33	15.5	4.42	15.8	4.51	16.3	4.64	16.7	4.77
	35	13.7	4.02	14.4	4.24	14.9	4.38	15.2	4.47	15.5	4.55	16.0	4.69	16.4	4.82
	37	13.4	4.04	14.2	4.26	14.6	4.40	14.9	4.49	15.2	4.58	15.6	4.71	16.1	4.85
	39	12.7	3.96	13.4	4.18	13.9	4.31	14.2	4.40	14.4	4.49	14.9	4.62	15.3	4.75
	41	12.1	3.88	12.8	4.09	13.2	4.22	13.4	4.31	13.7	4.40	14.1	4.53	14.5	4.65
	43	11.5	3.80	12.1	4.01	12.5	4.14	12.8	4.22	13.0	4.31	13.4	4.43	13.8	4.56
	45	10.9	3.69	11.5	3.89	11.9	4.01	12.1	4.10	12.4	4.18	12.7	4.30	13.1	4.42
	48	10.4	3.50	10.9	3.70	11.3	3.81	11.5	3.89	11.8	3.97	12.1	4.09	12.4	4.20
	50	9.9	3.22	10.4	3.40	10.7	3.51	10.9	3.58	11.2	3.65	11.5	3.76	11.8	3.87
	52	9.4	2.96	9.9	3.13	10.2	3.23	10.4	3.29	10.6	3.36	10.9	3.46	11.2	3.56
	55	8.9	2.73	9.4	2.88	9.7	2.97	9.9	3.03	10.1	3.09	10.4	3.18	10.7	3.27
80%	-5	9.1	1.51	9.6	1.59	9.9	1.64	10.1	1.67	10.3	1.71	10.6	1.76	10.9	1.81
	-2	8.9	1.52	9.4	1.60	9.7	1.66	9.9	1.69	10.1	1.72	10.4	1.77	10.7	1.82
	0	8.7	1.54	9.2	1.62	9.5	1.67	9.7	1.71	9.9	1.74	10.2	1.79	10.5	1.84
	2	8.5	1.55	9.0	1.64	9.3	1.69	9.5	1.72	9.7	1.76	10.0	1.81	10.3	1.86
	4	8.4	1.57	8.8	1.65	9.1	1.71	9.3	1.74	9.5	1.78	9.8	1.83	10.0	1.88
	6	8.2	1.58	8.7	1.67	8.9	1.72	9.1	1.76	9.3	1.79	9.6	1.85	9.9	1.90
	8	8.0	1.60	8.5	1.69	8.8	1.74	8.9	1.78	9.1	1.81	9.4	1.87	9.7	1.92
	10	10.8	2.12	11.4	2.24	11.7	2.31	12.0	2.36	12.2	2.40	12.6	2.48	12.9	2.55
	12	10.6	2.21	11.2	2.33	11.5	2.41	11.7	2.46	12.0	2.50	12.3	2.58	12.7	2.65
	14	10.4	2.30	10.9	2.43	11.3	2.51	11.5	2.56	11.7	2.61	12.1	2.69	12.4	2.76
	16	10.2	2.40	10.7	2.53	11.1	2.61	11.3	2.66	11.5	2.72	11.8	2.80	12.2	2.88
	18	11.8	2.69	12.5	2.84	12.8	2.93	13.1	2.99	13.4	3.05	13.8	3.14	14.2	3.23
	20	11.6	2.71	12.2	2.87	12.6	2.96	12.8	3.02	13.1	3.08	13.5	3.17	13.9	3.26
	21	11.3	2.74	12.0	2.89	12.3	2.99	12.6	3.05	12.8	3.11	13.2	3.20	13.6	3.29
	23	11.1	2.77	11.7	2.92	12.1	3.02	12.4	3.08	12.6	3.14	13.0	3.23	13.3	3.32
	25	10.9	2.80	11.5	2.95	11.9	3.05	12.1	3.11	12.4	3.17	12.7	3.26	13.1	3.36
	27	13.4	3.49	14.1	3.68	14.6	3.80	14.9	3.88	15.2	3.96	15.6	4.07	16.1	4.19
	29	13.1	3.53	13.9	3.72	14.3	3.84	14.6	3.92	14.9	4.00	15.3	4.11	15.8	4.23
	31	12.9	3.56	13.6	3.76	14.0	3.88	14.3	3.96	14.6	4.04	15.0	4.16	15.5	4.27
	33	12.6	3.60	13.3	3.80	13.8	3.92	14.0	4.00	14.3	4.08	14.7	4.20	15.2	4.32
	35	12.4	3.63	13.1	3.84	13.5	3.96	13.8	4.04	14.0	4.12	14.4	4.24	14.9	4.36
	37	12.1	3.65	12.8	3.85	13.2	3.98	13.5	4.06	13.8	4.14	14.2	4.26	14.6	4.38
	39	11.5	3.58	12.2	3.78	12.6	3.90	12.8	3.98	13.1	4.06	13.5	4.18	13.8	4.29
	41	11.0	3.51	11.6	3.70	11.9	3.82	12.2	3.90	12.4	3.97	12.8	4.09	13.1	4.21
	43	10.4	3.44	11.0	3.63	11.3	3.74	11.6	3.82	11.8	3.90	12.1	4.01	12.5	4.12
	45	9.9	3.33	10.4	3.52	10.8	3.63	11.0	3.70	11.2	3.78	11.5	3.89	11.9	4.00
	48	9.4	3.17	9.9	3.34	10.2	3.45	10.4	3.52	10.6	3.59	11.0	3.70	11.3	3.80
	50	8.9	2.91	9.4	3.08	9.7	3.17	9.9	3.24	10.1	3.30	10.4	3.40	10.7	3.50
	52	8.5	2.68	8.9	2.83	9.2	2.92	9.4	2.98	9.6	3.04	9.9	3.13	10.2	3.22
	55	8.1	2.47	8.5	2.60	8.8	2.69	8.9	2.74	9.1	2.80	9.4	2.88	9.7	2.96

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	8.1	1.35	8.6	1.42	8.8	1.47	9.0	1.50	9.2	1.53	9.5	1.57	9.7	1.62
	-2	8.0	1.36	8.4	1.44	8.7	1.48	8.8	1.51	9.0	1.54	9.3	1.59	9.5	1.63
	0	7.8	1.37	8.2	1.45	8.5	1.50	8.7	1.53	8.8	1.56	9.1	1.60	9.4	1.65
	2	7.6	1.39	8.1	1.46	8.3	1.51	8.5	1.54	8.7	1.57	8.9	1.62	9.2	1.66
	4	7.5	1.40	7.9	1.48	8.2	1.53	8.3	1.56	8.5	1.59	8.7	1.63	9.0	1.68
	6	7.4	1.42	7.8	1.49	8.0	1.54	8.2	1.57	8.3	1.60	8.6	1.65	8.8	1.70
	8	7.2	1.43	7.6	1.51	7.8	1.56	8.0	1.59	8.2	1.62	8.4	1.67	8.6	1.72
	10	9.6	1.90	10.2	2.00	10.5	2.07	10.7	2.11	10.9	2.15	11.3	2.21	11.6	2.28
	12	9.5	1.98	10.0	2.09	10.3	2.15	10.5	2.20	10.7	2.24	11.0	2.31	11.4	2.37
	14	9.3	2.06	9.8	2.17	10.1	2.24	10.3	2.29	10.5	2.33	10.8	2.40	11.1	2.47
	16	9.1	2.14	9.6	2.26	9.9	2.33	10.1	2.38	10.3	2.43	10.6	2.50	10.9	2.57
	18	10.6	2.40	11.1	2.54	11.5	2.62	11.7	2.67	12.0	2.72	12.3	2.80	12.7	2.88
	20	10.4	2.43	10.9	2.56	11.3	2.64	11.5	2.70	11.7	2.75	12.1	2.83	12.4	2.91
	21	10.2	2.45	10.7	2.59	11.1	2.67	11.3	2.72	11.5	2.78	11.8	2.86	12.2	2.94
	23	10.0	2.48	10.5	2.61	10.8	2.70	11.1	2.75	11.3	2.81	11.6	2.89	11.9	2.97
	25	9.8	2.50	10.3	2.64	10.6	2.72	10.8	2.78	11.1	2.84	11.4	2.92	11.7	3.00
	27	12.0	3.12	12.7	3.29	13.1	3.40	13.3	3.47	13.6	3.54	14.0	3.64	14.4	3.75
	29	11.8	3.15	12.4	3.33	12.8	3.43	13.1	3.50	13.3	3.57	13.7	3.68	14.1	3.78
	31	11.5	3.18	12.2	3.36	12.6	3.47	12.8	3.54	13.1	3.61	13.5	3.72	13.8	3.82
	33	11.3	3.22	11.9	3.40	12.3	3.50	12.6	3.57	12.8	3.65	13.2	3.75	13.6	3.86
	35	11.1	3.25	11.7	3.43	12.1	3.54	12.3	3.61	12.6	3.68	12.9	3.79	13.3	3.90
	37	10.9	3.27	11.5	3.45	11.8	3.56	12.1	3.63	12.3	3.70	12.7	3.81	13.0	3.92
	39	10.6	3.28	11.2	3.46	11.6	3.57	11.8	3.65	12.1	3.72	12.4	3.83	12.8	3.94
	41	10.4	3.30	11.0	3.48	11.4	3.59	11.6	3.66	11.8	3.74	12.2	3.85	12.5	3.96
	43	10.2	3.31	10.8	3.50	11.1	3.61	11.4	3.68	11.6	3.76	11.9	3.87	12.3	3.98
	45	10.0	3.33	10.6	3.52	10.9	3.63	11.1	3.70	11.4	3.78	11.7	3.89	12.0	4.00
	48	9.8	3.35	10.4	3.53	10.7	3.65	10.9	3.72	11.1	3.79	11.5	3.91	11.8	4.02
	50	9.6	3.36	10.2	3.55	10.5	3.66	10.7	3.74	10.9	3.81	11.2	3.93	11.6	4.04
	52	9.4	3.38	10.0	3.57	10.3	3.68	10.5	3.76	10.7	3.83	11.0	3.94	11.3	4.06
	55	9.2	3.40	9.8	3.59	10.1	3.70	10.3	3.78	10.5	3.85	10.8	3.96	11.1	4.08
60%	-5	7.2	1.19	7.6	1.25	7.8	1.29	8.0	1.32	8.1	1.34	8.4	1.38	8.6	1.42
	-2	7.0	1.20	7.4	1.27	7.7	1.31	7.8	1.33	8.0	1.36	8.2	1.40	8.4	1.44
	0	6.9	1.21	7.3	1.28	7.5	1.32	7.7	1.35	7.8	1.37	8.0	1.41	8.3	1.45
	2	6.8	1.22	7.1	1.29	7.4	1.33	7.5	1.36	7.7	1.39	7.9	1.43	8.1	1.47
	4	6.6	1.24	7.0	1.30	7.2	1.34	7.4	1.37	7.5	1.40	7.7	1.44	7.9	1.48
	6	6.5	1.25	6.9	1.32	7.1	1.36	7.2	1.39	7.4	1.41	7.6	1.46	7.8	1.50
	8	6.4	1.26	6.7	1.33	6.9	1.37	7.1	1.40	7.2	1.43	7.4	1.47	7.6	1.51
	10	8.5	1.67	9.0	1.77	9.3	1.82	9.5	1.86	9.7	1.90	9.9	1.95	10.2	2.01
	12	8.4	1.74	8.8	1.84	9.1	1.90	9.3	1.94	9.5	1.97	9.7	2.03	10.0	2.09
	14	8.2	1.81	8.6	1.92	8.9	1.98	9.1	2.02	9.3	2.06	9.6	2.12	9.8	2.18
	16	8.0	1.89	8.5	2.00	8.7	2.06	8.9	2.10	9.1	2.14	9.4	2.21	9.6	2.27
	18	9.3	2.12	9.8	2.24	10.2	2.31	10.4	2.35	10.6	2.40	10.9	2.47	11.2	2.54
	20	9.1	2.14	9.7	2.26	10.0	2.33	10.2	2.38	10.4	2.43	10.7	2.50	11.0	2.57
	21	9.0	2.16	9.5	2.28	9.8	2.35	10.0	2.40	10.2	2.45	10.5	2.52	10.8	2.59
	23	8.8	2.18	9.3	2.30	9.6	2.38	9.8	2.43	10.0	2.47	10.3	2.55	10.5	2.62
	25	8.6	2.21	9.1	2.33	9.4	2.40	9.6	2.45	9.8	2.50	10.1	2.57	10.3	2.65
	27	10.6	2.75	11.2	2.90	11.5	3.00	11.8	3.06	12.0	3.12	12.4	3.21	12.7	3.30
	29	10.4	2.78	11.0	2.93	11.3	3.03	11.5	3.09	11.8	3.15	12.1	3.24	12.5	3.34
	31	10.2	2.81	10.8	2.96	11.1	3.06	11.3	3.12	11.5	3.18	11.9	3.28	12.2	3.37
	33	10.0	2.84	10.5	2.99	10.9	3.09	11.1	3.15	11.3	3.21	11.7	3.31	12.0	3.40
	35	9.8	2.86	10.3	3.02	10.7	3.12	10.9	3.18	11.1	3.25	11.4	3.34	11.8	3.44
	37	9.6	2.88	10.1	3.04	10.4	3.13	10.7	3.20	10.9	3.26	11.2	3.36	11.5	3.45
	39	9.4	2.89	9.9	3.05	10.2	3.15	10.4	3.21	10.7	3.28	11.0	3.38	11.3	3.47
	41	9.2	2.91	9.7	3.07	10.0	3.17	10.2	3.23	10.4	3.30	10.8	3.39	11.1	3.49
	43	9.0	2.92	9.5	3.08	9.8	3.18	10.0	3.25	10.2	3.31	10.5	3.41	10.8	3.51
	45	8.9	2.94	9.3	3.10	9.6	3.20	9.8	3.26	10.0	3.33	10.3	3.43	10.6	3.52
	48	8.7	2.95	9.2	3.12	9.4	3.21	9.6	3.28	9.8	3.34	10.1	3.44	10.4	3.54
	50	8.5	2.97	9.0	3.13	9.3	3.23	9.4	3.30	9.6	3.36	9.9	3.46	10.2	3.56
	52	8.3	2.98	8.8	3.15	9.1	3.25	9.3	3.31	9.4	3.38	9.7	3.48	10.0	3.58
	55	8.2	3.00	8.6	3.16	8.9	3.26	9.1	3.33	9.3	3.40	9.5	3.50	9.8	3.59

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50%	-5	6.2	1.03	6.6	1.08	6.8	1.12	6.9	1.14	7.0	1.16	7.3	1.20	7.5	1.23
	-2	6.1	1.04	6.4	1.10	6.6	1.13	6.8	1.15	6.9	1.18	7.1	1.21	7.3	1.25
	0	6.0	1.05	6.3	1.11	6.5	1.14	6.6	1.16	6.8	1.19	7.0	1.22	7.2	1.26
	2	5.9	1.06	6.2	1.12	6.4	1.15	6.5	1.18	6.6	1.20	6.8	1.24	7.0	1.27
	4	5.7	1.07	6.1	1.13	6.3	1.16	6.4	1.19	6.5	1.21	6.7	1.25	6.9	1.28
	6	5.6	1.08	5.9	1.14	6.1	1.18	6.3	1.20	6.4	1.22	6.6	1.26	6.8	1.30
	8	5.5	1.09	5.8	1.15	6.0	1.19	6.1	1.21	6.3	1.24	6.4	1.27	6.6	1.31
	10	7.4	1.45	7.8	1.53	8.1	1.58	8.2	1.61	8.4	1.64	8.6	1.69	8.9	1.74
	12	7.2	1.51	7.7	1.59	7.9	1.64	8.1	1.68	8.2	1.71	8.5	1.76	8.7	1.81
	14	7.1	1.57	7.5	1.66	7.7	1.71	7.9	1.75	8.1	1.78	8.3	1.83	8.5	1.89
	16	7.0	1.64	7.4	1.73	7.6	1.78	7.7	1.82	7.9	1.85	8.1	1.91	8.4	1.96
	18	8.1	1.83	8.5	1.94	8.8	2.00	9.0	2.04	9.2	2.08	9.4	2.14	9.7	2.20
	20	7.9	1.85	8.4	1.96	8.6	2.02	8.8	2.06	9.0	2.10	9.3	2.16	9.5	2.22
	21	7.8	1.87	8.2	1.98	8.5	2.04	8.6	2.08	8.8	2.12	9.1	2.18	9.3	2.25
	23	7.6	1.89	8.0	2.00	8.3	2.06	8.5	2.10	8.6	2.14	8.9	2.21	9.2	2.27
	25	7.5	1.91	7.9	2.02	8.1	2.08	8.3	2.12	8.5	2.16	8.7	2.23	9.0	2.29
	27	9.2	2.38	9.7	2.51	10.0	2.59	10.2	2.65	10.4	2.70	10.7	2.78	11.0	2.86
	29	9.0	2.41	9.5	2.54	9.8	2.62	10.0	2.67	10.2	2.73	10.5	2.81	10.8	2.89
	31	8.8	2.43	9.3	2.57	9.6	2.65	9.8	2.70	10.0	2.75	10.3	2.84	10.6	2.92
	33	8.7	2.45	9.1	2.59	9.4	2.67	9.6	2.73	9.8	2.78	10.1	2.86	10.4	2.95
	35	8.5	2.48	9.0	2.62	9.3	2.70	9.4	2.76	9.6	2.81	9.9	2.89	10.2	2.98
	37	8.3	2.49	8.8	2.63	9.1	2.71	9.3	2.77	9.4	2.82	9.7	2.91	10.0	2.99
	39	8.2	2.50	8.6	2.64	8.9	2.73	9.1	2.78	9.2	2.84	9.5	2.92	9.8	3.01
	41	8.0	2.52	8.4	2.66	8.7	2.74	8.9	2.80	9.1	2.85	9.3	2.94	9.6	3.02
	43	7.8	2.53	8.3	2.67	8.5	2.75	8.7	2.81	8.9	2.87	9.1	2.95	9.4	3.04
	45	7.7	2.54	8.1	2.68	8.4	2.77	8.5	2.82	8.7	2.88	9.0	2.97	9.2	3.05
	48	7.5	2.55	7.9	2.70	8.2	2.78	8.4	2.84	8.5	2.90	8.8	2.98	9.0	3.07
	50	7.4	2.57	7.8	2.71	8.0	2.80	8.2	2.85	8.4	2.91	8.6	3.00	8.9	3.08
	52	7.2	2.58	7.6	2.72	7.9	2.81	8.0	2.87	8.2	2.92	8.4	3.01	8.7	3.10
	55	7.1	2.59	7.5	2.74	7.7	2.82	7.9	2.88	8.0	2.94	8.3	3.03	8.5	3.11

GCHV-D125W/HZR1-D01

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	8.8	1.24	9.3	1.31	9.6	1.35	9.8	1.38	10.0	1.41	10.3	1.45	10.6	1.49
	-2	8.6	1.25	9.1	1.32	9.4	1.36	9.6	1.39	9.8	1.42	10.1	1.46	10.4	1.50
	0	8.5	1.27	8.9	1.34	9.2	1.38	9.4	1.41	9.6	1.43	9.9	1.48	10.2	1.52
	2	8.3	1.28	8.8	1.35	9.0	1.39	9.2	1.42	9.4	1.45	9.7	1.49	10.0	1.53
	4	8.1	1.29	8.6	1.36	8.9	1.41	9.0	1.44	9.2	1.46	9.5	1.51	9.8	1.55
	6	8.0	1.30	8.4	1.38	8.7	1.42	8.9	1.45	9.0	1.48	9.3	1.52	9.6	1.57
	8	7.8	1.32	8.3	1.39	8.5	1.44	8.7	1.46	8.9	1.49	9.1	1.54	9.4	1.58
	10	10.5	1.75	11.1	1.85	11.4	1.90	11.6	1.94	11.9	1.98	12.2	2.04	12.6	2.10
	12	10.3	1.82	10.8	1.92	11.2	1.98	11.4	2.02	11.6	2.06	12.0	2.13	12.3	2.19
	14	10.1	1.90	10.6	2.00	11.0	2.07	11.2	2.11	11.4	2.15	11.7	2.21	12.1	2.28
	16	9.9	1.98	10.4	2.09	10.7	2.15	11.0	2.20	11.2	2.24	11.5	2.31	11.8	2.37
	18	11.5	2.22	12.1	2.34	12.5	2.41	12.7	2.46	13.0	2.51	13.4	2.58	13.8	2.66
	20	11.2	2.24	11.9	2.36	12.2	2.44	12.5	2.49	12.7	2.54	13.1	2.61	13.5	2.69
	21	11.0	2.26	11.6	2.39	12.0	2.46	12.2	2.51	12.5	2.56	12.9	2.64	13.2	2.71
	23	10.8	2.28	11.4	2.41	11.8	2.49	12.0	2.54	12.2	2.59	12.6	2.66	13.0	2.74
	25	10.6	2.31	11.2	2.43	11.5	2.51	11.8	2.56	12.0	2.61	12.4	2.69	12.7	2.77
	27	13.0	2.88	13.8	3.04	14.2	3.13	14.5	3.20	14.8	3.26	15.2	3.36	15.6	3.45
	29	12.8	2.91	13.5	3.07	13.9	3.16	14.2	3.23	14.5	3.29	14.9	3.39	15.3	3.49
	31	12.5	2.94	13.2	3.10	13.6	3.20	13.9	3.26	14.2	3.33	14.6	3.42	15.0	3.52
	33	12.3	2.97	13.0	3.13	13.4	3.23	13.6	3.29	13.9	3.36	14.3	3.46	14.7	3.56
	35	12.0	3.00	12.7	3.16	13.1	3.26	13.4	3.33	13.6	3.39	14.0	3.49	14.4	3.59
	37	11.8	3.01	12.5	3.18	12.8	3.28	13.1	3.34	13.4	3.41	13.8	3.51	14.2	3.61
	39	11.2	2.95	11.8	3.11	12.2	3.21	12.5	3.28	12.7	3.34	13.1	3.44	13.4	3.54
	41	10.6	2.89	11.2	3.05	11.6	3.15	11.8	3.21	12.1	3.28	12.4	3.37	12.8	3.47
	43	10.1	2.83	10.7	2.99	11.0	3.08	11.2	3.15	11.5	3.21	11.8	3.31	12.1	3.40
	45	9.6	2.75	10.1	2.90	10.5	2.99	10.7	3.05	10.9	3.11	11.2	3.21	11.5	3.30
	48	9.1	2.61	9.6	2.76	9.9	2.84	10.1	2.90	10.3	2.96	10.6	3.05	11.0	3.13
	50	8.7	2.40	9.2	2.54	9.4	2.62	9.6	2.67	9.8	2.72	10.1	2.80	10.4	2.88
	52	8.2	2.21	8.7	2.33	9.0	2.41	9.2	2.46	9.3	2.50	9.6	2.58	9.9	2.65
	55	7.8	2.03	8.3	2.15	8.5	2.21	8.7	2.26	8.9	2.30	9.1	2.37	9.4	2.44
120%	-5	8.6	1.23	9.1	1.30	9.4	1.34	9.6	1.37	9.8	1.39	10.1	1.43	10.4	1.47
	-2	8.5	1.24	8.9	1.31	9.2	1.35	9.4	1.38	9.6	1.41	9.9	1.45	10.2	1.49
	0	8.3	1.25	8.8	1.32	9.0	1.37	9.2	1.39	9.4	1.42	9.7	1.46	10.0	1.50
	2	8.1	1.27	8.6	1.34	8.9	1.38	9.1	1.41	9.2	1.44	9.5	1.48	9.8	1.52
	4	8.0	1.28	8.4	1.35	8.7	1.39	8.9	1.42	9.1	1.45	9.3	1.49	9.6	1.54
	6	7.8	1.29	8.3	1.36	8.5	1.41	8.7	1.44	8.9	1.46	9.1	1.51	9.4	1.55
	8	7.7	1.31	8.1	1.38	8.4	1.42	8.5	1.45	8.7	1.48	9.0	1.52	9.2	1.57
	10	10.3	1.73	10.9	1.83	11.2	1.89	11.4	1.92	11.6	1.96	12.0	2.02	12.3	2.08
	12	10.1	1.80	10.6	1.90	11.0	1.96	11.2	2.00	11.4	2.04	11.8	2.11	12.1	2.17
	14	9.9	1.88	10.4	1.98	10.8	2.05	11.0	2.09	11.2	2.13	11.5	2.19	11.9	2.26
	16	9.7	1.96	10.2	2.07	10.5	2.13	10.8	2.18	11.0	2.22	11.3	2.28	11.6	2.35
	18	11.3	2.19	11.9	2.32	12.3	2.39	12.5	2.44	12.8	2.49	13.1	2.56	13.5	2.63
	20	11.0	2.22	11.6	2.34	12.0	2.41	12.3	2.46	12.5	2.51	12.9	2.59	13.2	2.66
	21	10.8	2.24	11.4	2.36	11.8	2.44	12.0	2.49	12.3	2.54	12.6	2.61	13.0	2.69
	23	10.6	2.26	11.2	2.39	11.5	2.46	11.8	2.51	12.0	2.56	12.4	2.64	12.7	2.71
	25	10.4	2.28	11.0	2.41	11.3	2.49	11.6	2.54	11.8	2.59	12.1	2.66	12.5	2.74
	27	12.8	2.85	13.5	3.01	13.9	3.10	14.2	3.17	14.5	3.23	14.9	3.32	15.3	3.42
	29	12.5	2.88	13.2	3.04	13.6	3.13	13.9	3.20	14.2	3.26	14.6	3.36	15.0	3.45
	31	12.3	2.91	13.0	3.07	13.4	3.17	13.7	3.23	13.9	3.30	14.3	3.39	14.7	3.49
	33	12.0	2.94	12.7	3.10	13.1	3.20	13.4	3.26	13.7	3.33	14.1	3.43	14.5	3.52
	35	11.8	2.97	12.5	3.13	12.9	3.23	13.1	3.30	13.4	3.36	13.8	3.46	14.2	3.56
	37	11.6	2.98	12.2	3.15	12.6	3.25	12.9	3.31	13.1	3.38	13.5	3.48	13.9	3.58
	39	11.0	2.92	11.6	3.08	12.0	3.18	12.2	3.25	12.5	3.31	12.8	3.41	13.2	3.51
	41	10.4	2.86	11.0	3.02	11.4	3.12	11.6	3.18	11.8	3.24	12.2	3.34	12.5	3.44
	43	9.9	2.81	10.5	2.96	10.8	3.06	11.0	3.12	11.2	3.18	11.6	3.27	11.9	3.37
	45	9.4	2.72	10.0	2.87	10.3	2.96	10.5	3.02	10.7	3.08	11.0	3.18	11.3	3.27
	48	9.0	2.59	9.5	2.73	9.8	2.82	10.0	2.87	10.2	2.93	10.5	3.02	10.7	3.10
	50	8.5	2.38	9.0	2.51	9.3	2.59	9.5	2.64	9.6	2.70	9.9	2.78	10.2	2.85
	52	8.1	2.19	8.5	2.31	8.8	2.38	9.0	2.43	9.2	2.48	9.4	2.55	9.7	2.63
	55	7.7	2.01	8.1	2.13	8.4	2.19	8.5	2.24	8.7	2.28	9.0	2.35	9.2	2.42

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	8.5	1.22	9.0	1.28	9.2	1.33	9.4	1.35	9.6	1.38	9.9	1.42	10.2	1.46
	-2	8.3	1.23	8.8	1.30	9.1	1.34	9.2	1.37	9.4	1.39	9.7	1.43	10.0	1.48
	0	8.2	1.24	8.6	1.31	8.9	1.35	9.1	1.38	9.2	1.41	9.5	1.45	9.8	1.49
	2	8.0	1.25	8.4	1.32	8.7	1.37	8.9	1.39	9.1	1.42	9.3	1.46	9.6	1.50
	4	7.8	1.27	8.3	1.34	8.5	1.38	8.7	1.41	8.9	1.44	9.1	1.48	9.4	1.52
	6	7.7	1.28	8.1	1.35	8.4	1.39	8.5	1.42	8.7	1.45	9.0	1.49	9.2	1.54
	8	7.5	1.29	8.0	1.36	8.2	1.41	8.4	1.44	8.5	1.46	8.8	1.51	9.0	1.55
	10	10.1	1.72	10.6	1.81	11.0	1.87	11.2	1.91	11.4	1.94	11.8	2.00	12.1	2.06
	12	9.9	1.79	10.4	1.89	10.8	1.95	11.0	1.99	11.2	2.03	11.5	2.08	11.9	2.14
	14	9.7	1.86	10.2	1.96	10.6	2.03	10.8	2.07	11.0	2.11	11.3	2.17	11.6	2.23
	16	9.5	1.94	10.0	2.05	10.3	2.11	10.6	2.15	10.8	2.20	11.1	2.26	11.4	2.33
	18	11.0	2.17	11.7	2.29	12.0	2.37	12.3	2.41	12.5	2.46	12.9	2.53	13.2	2.61
	20	10.8	2.19	11.4	2.32	11.8	2.39	12.0	2.44	12.3	2.49	12.6	2.56	13.0	2.63
	21	10.6	2.22	11.2	2.34	11.6	2.41	11.8	2.46	12.0	2.51	12.4	2.59	12.7	2.66
	23	10.4	2.24	11.0	2.36	11.3	2.44	11.6	2.49	11.8	2.54	12.1	2.61	12.5	2.69
	25	10.2	2.26	10.8	2.39	11.1	2.46	11.3	2.51	11.6	2.56	11.9	2.64	12.2	2.71
	27	12.5	2.82	13.2	2.98	13.7	3.07	13.9	3.14	14.2	3.20	14.6	3.29	15.1	3.39
	29	12.3	2.85	13.0	3.01	13.4	3.10	13.7	3.17	13.9	3.23	14.3	3.33	14.8	3.42
	31	12.1	2.88	12.7	3.04	13.1	3.14	13.4	3.20	13.7	3.26	14.1	3.36	14.5	3.45
	33	11.8	2.91	12.5	3.07	12.9	3.17	13.1	3.23	13.4	3.30	13.8	3.39	14.2	3.49
	35	11.6	2.94	12.2	3.10	12.6	3.20	12.9	3.26	13.1	3.33	13.5	3.43	13.9	3.53
	37	11.4	2.95	12.0	3.12	12.4	3.21	12.6	3.28	12.9	3.35	13.2	3.44	13.6	3.54
	39	10.8	2.89	11.4	3.05	11.7	3.15	12.0	3.21	12.2	3.28	12.6	3.38	12.9	3.47
	41	10.2	2.84	10.8	2.99	11.2	3.09	11.4	3.15	11.6	3.21	12.0	3.31	12.3	3.40
	43	9.7	2.78	10.3	2.93	10.6	3.03	10.8	3.09	11.0	3.15	11.4	3.24	11.7	3.33
	45	9.2	2.70	9.8	2.85	10.1	2.93	10.3	2.99	10.5	3.05	10.8	3.14	11.1	3.23
	48	8.8	2.56	9.3	2.70	9.6	2.79	9.8	2.85	10.0	2.90	10.3	2.99	10.5	3.07
	50	8.3	2.36	8.8	2.49	9.1	2.57	9.3	2.62	9.5	2.67	9.7	2.75	10.0	2.83
	52	7.9	2.17	8.4	2.29	8.6	2.36	8.8	2.41	9.0	2.46	9.3	2.53	9.5	2.60
	55	7.5	1.99	8.0	2.10	8.2	2.17	8.4	2.22	8.5	2.26	8.8	2.33	9.0	2.39
100%	-5	8.2	1.19	8.7	1.26	9.0	1.30	9.2	1.33	9.3	1.35	9.6	1.39	9.9	1.43
	-2	8.1	1.21	8.5	1.27	8.8	1.31	9.0	1.34	9.2	1.37	9.4	1.41	9.7	1.45
	0	7.9	1.22	8.4	1.28	8.6	1.33	8.8	1.35	9.0	1.38	9.2	1.42	9.5	1.46
	2	7.8	1.23	8.2	1.30	8.4	1.34	8.6	1.37	8.8	1.39	9.1	1.43	9.3	1.48
	4	7.6	1.24	8.0	1.31	8.3	1.35	8.5	1.38	8.6	1.41	8.9	1.45	9.1	1.49
	6	7.5	1.25	7.9	1.32	8.1	1.37	8.3	1.39	8.5	1.42	8.7	1.46	9.0	1.51
	8	7.3	1.27	7.7	1.34	8.0	1.38	8.1	1.41	8.3	1.44	8.5	1.48	8.8	1.52
	10	9.8	1.68	10.3	1.78	10.7	1.83	10.9	1.87	11.1	1.91	11.4	1.96	11.7	2.02
	12	9.6	1.75	10.1	1.85	10.5	1.91	10.7	1.95	10.9	1.99	11.2	2.04	11.5	2.10
	14	9.4	1.82	9.9	1.93	10.2	1.99	10.5	2.03	10.7	2.07	11.0	2.13	11.3	2.19
	16	9.2	1.90	9.7	2.01	10.0	2.07	10.3	2.11	10.5	2.15	10.8	2.22	11.1	2.28
	18	10.7	2.13	11.3	2.25	11.7	2.32	11.9	2.37	12.1	2.41	12.5	2.49	12.9	2.56
	20	10.5	2.15	11.1	2.27	11.4	2.34	11.7	2.39	11.9	2.44	12.3	2.51	12.6	2.58
	21	10.3	2.17	10.9	2.29	11.2	2.37	11.4	2.41	11.7	2.46	12.0	2.54	12.4	2.61
	23	10.1	2.20	10.7	2.32	11.0	2.39	11.2	2.44	11.4	2.49	11.8	2.56	12.1	2.63
	25	9.9	2.22	10.5	2.34	10.8	2.41	11.0	2.46	11.2	2.51	11.6	2.59	11.9	2.66
	27	12.2	2.77	12.9	2.92	13.3	3.01	13.5	3.07	13.8	3.14	14.2	3.23	14.6	3.32
	29	11.9	2.79	12.6	2.95	13.0	3.04	13.3	3.10	13.5	3.17	13.9	3.26	14.3	3.35
	31	11.7	2.82	12.4	2.98	12.7	3.07	13.0	3.14	13.3	3.20	13.7	3.29	14.0	3.39
	33	11.5	2.85	12.1	3.01	12.5	3.10	12.8	3.17	13.0	3.23	13.4	3.33	13.8	3.42
	35	11.3	2.88	11.9	3.04	12.3	3.14	12.5	3.20	12.8	3.26	13.1	3.36	13.5	3.46
	37	11.0	2.89	11.6	3.06	12.0	3.15	12.3	3.25	12.5	3.28	12.9	3.38	13.2	3.47
	39	10.5	2.84	11.1	2.99	11.4	3.09	12.0	3.30	11.9	3.21	12.2	3.31	12.6	3.40
	41	10.0	2.78	10.5	2.93	10.8	3.03	11.8	3.36	11.3	3.15	11.6	3.24	11.9	3.34
	43	9.5	2.72	10.0	2.88	10.3	2.97	11.5	3.41	10.7	3.09	11.0	3.18	11.3	3.27
	45	9.0	2.64	9.5	2.79	9.8	2.88	11.3	3.46	10.2	2.99	10.5	3.08	10.8	3.17
	48	8.5	2.51	9.0	2.65	9.3	2.73	11.1	3.52	9.7	2.85	10.0	2.93	10.2	3.01
	50	8.1	2.31	8.6	2.44	8.8	2.51	10.9	3.58	9.2	2.62	9.5	2.69	9.7	2.77
	52	7.7	2.12	8.1	2.24	8.4	2.31	10.6	3.63	8.7	2.41	9.0	2.48	9.2	2.55
	55	7.3	1.95	7.7	2.06	8.0	2.13	10.4	3.69	8.3	2.22	8.5	2.28	8.8	2.35

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	7.8	1.12	8.3	1.18	8.5	1.22	8.7	1.25	8.9	1.27	9.1	1.31	9.4	1.35
	-2	7.7	1.13	8.1	1.20	8.4	1.23	8.5	1.26	8.7	1.28	8.9	1.32	9.2	1.36
	0	7.5	1.14	7.9	1.21	8.2	1.25	8.4	1.27	8.5	1.30	8.8	1.33	9.0	1.37
	2	7.4	1.16	7.8	1.22	8.0	1.26	8.2	1.28	8.4	1.31	8.6	1.35	8.8	1.39
	4	7.2	1.17	7.6	1.23	7.9	1.27	8.0	1.30	8.2	1.32	8.4	1.36	8.7	1.40
	6	7.1	1.18	7.5	1.24	7.7	1.28	7.9	1.31	8.0	1.34	8.3	1.38	8.5	1.42
	8	6.9	1.19	7.3	1.26	7.6	1.30	7.7	1.32	7.9	1.35	8.1	1.39	8.3	1.43
	10	9.3	1.58	9.8	1.67	10.1	1.72	10.3	1.76	10.5	1.79	10.9	1.84	11.2	1.90
	12	9.1	1.65	9.6	1.74	9.9	1.79	10.1	1.83	10.3	1.87	10.6	1.92	10.9	1.98
	14	8.9	1.72	9.4	1.81	9.7	1.87	9.9	1.91	10.1	1.94	10.4	2.00	10.7	2.06
	16	8.8	1.79	9.3	1.89	9.5	1.95	9.7	1.99	9.9	2.02	10.2	2.08	10.5	2.14
	18	10.2	2.00	10.7	2.11	11.1	2.18	11.3	2.22	11.5	2.27	11.9	2.34	12.2	2.40
	20	10.0	2.02	10.5	2.13	10.9	2.20	11.1	2.25	11.3	2.29	11.6	2.36	12.0	2.43
	21	9.8	2.04	10.3	2.16	10.7	2.22	10.9	2.27	11.1	2.32	11.4	2.38	11.7	2.45
	23	9.6	2.06	10.1	2.18	10.4	2.25	10.7	2.29	10.9	2.34	11.2	2.41	11.5	2.48
	25	9.4	2.08	9.9	2.20	10.2	2.27	10.5	2.32	10.7	2.36	11.0	2.43	11.3	2.50
	27	11.6	2.60	12.2	2.74	12.6	2.83	12.9	2.89	13.1	2.95	13.5	3.03	13.9	3.12
	29	11.3	2.63	12.0	2.77	12.3	2.86	12.6	2.92	12.9	2.98	13.2	3.06	13.6	3.15
	31	11.1	2.65	11.7	2.80	12.1	2.89	12.4	2.95	12.6	3.01	13.0	3.10	13.3	3.18
	33	10.9	2.68	11.5	2.83	11.9	2.92	12.1	2.98	12.4	3.04	12.7	3.13	13.1	3.22
	35	10.7	2.71	11.3	2.86	11.6	2.95	11.9	3.01	12.1	3.07	12.5	3.16	12.8	3.25
	37	10.5	2.72	11.1	2.87	11.4	2.96	11.6	3.02	11.9	3.08	12.2	3.17	12.6	3.26
	39	10.0	2.67	10.5	2.81	10.8	2.90	11.1	2.96	11.3	3.02	11.6	3.11	11.9	3.20
	41	9.5	2.61	10.0	2.76	10.3	2.85	10.5	2.90	10.7	2.96	11.0	3.05	11.3	3.14
	43	9.0	2.56	9.5	2.70	9.8	2.79	10.0	2.85	10.2	2.90	10.5	2.99	10.8	3.07
	45	8.5	2.48	9.0	2.62	9.3	2.70	9.5	2.76	9.7	2.82	10.0	2.90	10.2	2.98
	48	8.1	2.36	8.6	2.49	8.8	2.57	9.0	2.62	9.2	2.67	9.5	2.75	9.7	2.83
	50	7.7	2.17	8.1	2.29	8.4	2.36	8.6	2.41	8.7	2.46	9.0	2.53	9.2	2.61
	52	7.3	2.00	7.7	2.11	8.0	2.17	8.1	2.22	8.3	2.26	8.5	2.33	8.8	2.40
	55	6.9	1.84	7.3	1.94	7.6	2.00	7.7	2.04	7.9	2.08	8.1	2.14	8.3	2.20
80%	-5	7.1	1.01	7.5	1.07	7.7	1.10	7.9	1.13	8.0	1.15	8.3	1.18	8.5	1.22
	-2	6.9	1.02	7.3	1.08	7.6	1.12	7.7	1.14	7.9	1.16	8.1	1.20	8.3	1.23
	0	6.8	1.03	7.2	1.09	7.4	1.13	7.6	1.15	7.7	1.17	7.9	1.21	8.2	1.24
	2	6.7	1.05	7.0	1.10	7.3	1.14	7.4	1.16	7.6	1.18	7.8	1.22	8.0	1.25
	4	6.5	1.06	6.9	1.11	7.1	1.15	7.3	1.17	7.4	1.20	7.6	1.23	7.9	1.27
	6	6.4	1.07	6.8	1.13	7.0	1.16	7.1	1.18	7.3	1.21	7.5	1.24	7.7	1.28
	8	6.3	1.08	6.6	1.14	6.8	1.17	7.0	1.20	7.1	1.22	7.3	1.26	7.5	1.29
	10	8.4	1.43	8.9	1.51	9.2	1.56	9.4	1.59	9.5	1.62	9.8	1.67	10.1	1.72
	12	8.3	1.49	8.7	1.57	9.0	1.62	9.2	1.65	9.4	1.69	9.6	1.74	9.9	1.79
	14	8.1	1.55	8.5	1.64	8.8	1.69	9.0	1.72	9.2	1.76	9.4	1.81	9.7	1.86
	16	7.9	1.62	8.4	1.71	8.6	1.76	8.8	1.80	9.0	1.83	9.3	1.88	9.5	1.94
	18	9.2	1.81	9.7	1.91	10.0	1.97	10.2	2.01	10.4	2.05	10.8	2.11	11.1	2.17
	20	9.0	1.83	9.5	1.93	9.8	1.99	10.0	2.03	10.2	2.07	10.5	2.13	10.8	2.19
	21	8.9	1.85	9.4	1.95	9.6	2.01	9.8	2.05	10.0	2.09	10.3	2.16	10.6	2.22
	23	8.7	1.87	9.2	1.97	9.5	2.03	9.6	2.07	9.8	2.11	10.1	2.18	10.4	2.24
	25	8.5	1.88	9.0	1.99	9.3	2.05	9.5	2.09	9.6	2.14	9.9	2.20	10.2	2.26
	27	10.5	2.35	11.1	2.48	11.4	2.56	11.6	2.61	11.9	2.67	12.2	2.74	12.6	2.82
	29	10.3	2.38	10.8	2.51	11.2	2.59	11.4	2.64	11.6	2.69	12.0	2.77	12.3	2.85
	31	10.1	2.40	10.6	2.53	11.0	2.61	11.2	2.67	11.4	2.72	11.7	2.80	12.1	2.88
	33	9.9	2.42	10.4	2.56	10.7	2.64	11.0	2.69	11.2	2.75	11.5	2.83	11.8	2.91
	35	9.7	2.45	10.2	2.58	10.5	2.67	10.8	2.72	11.0	2.77	11.3	2.86	11.6	2.94
	37	9.5	2.46	10.0	2.60	10.3	2.68	10.5	2.73	10.7	2.79	11.1	2.87	11.4	2.95
	39	9.0	2.41	9.5	2.54	9.8	2.63	10.0	2.68	10.2	2.73	10.5	2.81	10.8	2.89
	41	8.6	2.36	9.0	2.49	9.3	2.57	9.5	2.63	9.7	2.68	10.0	2.76	10.3	2.84
	43	8.1	2.32	8.6	2.44	8.9	2.52	9.0	2.57	9.2	2.62	9.5	2.70	9.8	2.78
	45	7.7	2.25	8.2	2.37	8.4	2.45	8.6	2.50	8.8	2.55	9.0	2.62	9.3	2.70
	48	7.3	2.13	7.7	2.25	8.0	2.32	8.2	2.37	8.3	2.42	8.6	2.49	8.8	2.56
	50	7.0	1.96	7.4	2.07	7.6	2.14	7.7	2.18	7.9	2.22	8.1	2.29	8.4	2.36
	52	6.6	1.81	7.0	1.91	7.2	1.97	7.4	2.01	7.5	2.05	7.7	2.11	7.9	2.17
	55	6.3	1.66	6.6	1.75	6.8	1.81	7.0	1.85	7.1	1.88	7.3	1.94	7.5	1.99

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	6.3	0.91	6.7	0.96	6.9	0.99	7.0	1.01	7.2	1.03	7.4	1.06	7.6	1.09
	-2	6.2	0.92	6.6	0.97	6.8	1.00	6.9	1.02	7.0	1.04	7.3	1.07	7.5	1.10
	0	6.1	0.93	6.4	0.98	6.6	1.01	6.8	1.03	6.9	1.05	7.1	1.08	7.3	1.11
	2	6.0	0.93	6.3	0.99	6.5	1.02	6.6	1.04	6.8	1.06	7.0	1.09	7.2	1.12
	4	5.9	0.94	6.2	1.00	6.4	1.03	6.5	1.05	6.6	1.07	6.8	1.10	7.0	1.13
	6	5.7	0.95	6.1	1.01	6.3	1.04	6.4	1.06	6.5	1.08	6.7	1.11	6.9	1.14
	8	5.6	0.96	5.9	1.02	6.1	1.05	6.3	1.07	6.4	1.09	6.6	1.12	6.8	1.16
	10	7.5	1.28	8.0	1.35	8.2	1.39	8.4	1.42	8.5	1.45	8.8	1.49	9.0	1.53
	12	7.4	1.33	7.8	1.41	8.0	1.45	8.2	1.48	8.4	1.51	8.6	1.55	8.9	1.60
	14	7.2	1.39	7.6	1.46	7.9	1.51	8.1	1.54	8.2	1.57	8.5	1.62	8.7	1.66
	16	7.1	1.44	7.5	1.52	7.7	1.57	7.9	1.61	8.1	1.64	8.3	1.69	8.5	1.73
	18	8.3	1.62	8.7	1.71	9.0	1.76	9.2	1.80	9.4	1.83	9.6	1.89	9.9	1.94
	20	8.1	1.64	8.5	1.73	8.8	1.78	9.0	1.82	9.2	1.85	9.4	1.91	9.7	1.96
	21	7.9	1.65	8.4	1.74	8.6	1.80	8.8	1.84	9.0	1.87	9.3	1.93	9.5	1.98
	23	7.8	1.67	8.2	1.76	8.5	1.82	8.6	1.85	8.8	1.89	9.1	1.95	9.3	2.00
	25	7.6	1.69	8.0	1.78	8.3	1.84	8.5	1.87	8.6	1.91	8.9	1.97	9.1	2.02
	27	9.4	2.10	9.9	2.22	10.2	2.29	10.4	2.34	10.6	2.38	10.9	2.45	11.3	2.52
	29	9.2	2.12	9.7	2.24	10.0	2.31	10.2	2.36	10.4	2.41	10.7	2.48	11.0	2.55
	31	9.0	2.15	9.5	2.26	9.8	2.34	10.0	2.38	10.2	2.43	10.5	2.50	10.8	2.57
	33	8.8	2.17	9.3	2.29	9.6	2.36	9.8	2.41	10.0	2.46	10.3	2.53	10.6	2.60
	35	8.7	2.19	9.1	2.31	9.4	2.38	9.6	2.43	9.8	2.48	10.1	2.55	10.4	2.63
	37	8.5	2.20	9.0	2.32	9.2	2.40	9.4	2.44	9.6	2.49	9.9	2.57	10.2	2.64
	39	8.3	2.21	8.8	2.33	9.1	2.41	9.2	2.46	9.4	2.51	9.7	2.58	10.0	2.65
	41	8.2	2.22	8.6	2.35	8.9	2.42	9.1	2.47	9.2	2.52	9.5	2.59	9.8	2.67
	43	8.0	2.23	8.4	2.36	8.7	2.43	8.9	2.48	9.1	2.53	9.3	2.61	9.6	2.68
	45	7.8	2.24	8.3	2.37	8.5	2.44	8.7	2.49	8.9	2.54	9.1	2.62	9.4	2.69
	48	7.7	2.26	8.1	2.38	8.4	2.46	8.5	2.51	8.7	2.56	9.0	2.63	9.2	2.71
	50	7.5	2.27	7.9	2.39	8.2	2.47	8.4	2.52	8.5	2.57	8.8	2.64	9.0	2.72
	52	7.4	2.28	7.8	2.40	8.0	2.48	8.2	2.53	8.4	2.58	8.6	2.66	8.8	2.73
	55	7.2	2.29	7.6	2.42	7.9	2.49	8.0	2.54	8.2	2.59	8.4	2.67	8.7	2.75
60%	-5	5.6	0.80	5.9	0.84	6.1	0.87	6.2	0.89	6.3	0.91	6.5	0.93	6.7	0.96
	-2	5.5	0.81	5.8	0.85	6.0	0.88	6.1	0.90	6.2	0.92	6.4	0.94	6.6	0.97
	0	5.4	0.82	5.7	0.86	5.9	0.89	6.0	0.91	6.1	0.92	6.3	0.95	6.5	0.98
	2	5.3	0.82	5.6	0.87	5.7	0.90	5.9	0.92	6.0	0.93	6.2	0.96	6.3	0.99
	4	5.2	0.83	5.5	0.88	5.6	0.91	5.7	0.92	5.9	0.94	6.0	0.97	6.2	1.00
	6	5.1	0.84	5.4	0.89	5.5	0.92	5.6	0.93	5.7	0.95	5.9	0.98	6.1	1.01
	8	5.0	0.85	5.2	0.90	5.4	0.92	5.5	0.94	5.6	0.96	5.8	0.99	6.0	1.02
	10	6.7	1.13	7.0	1.19	7.2	1.23	7.4	1.25	7.5	1.28	7.8	1.31	8.0	1.35
	12	6.5	1.17	6.9	1.24	7.1	1.28	7.3	1.30	7.4	1.33	7.6	1.37	7.8	1.41
	14	6.4	1.22	6.8	1.29	7.0	1.33	7.1	1.36	7.3	1.39	7.5	1.43	7.7	1.47
	16	6.3	1.27	6.6	1.34	6.8	1.39	7.0	1.42	7.1	1.44	7.3	1.49	7.5	1.53
	18	7.3	1.43	7.7	1.51	7.9	1.55	8.1	1.59	8.3	1.62	8.5	1.67	8.7	1.71
	20	7.1	1.44	7.5	1.52	7.8	1.57	7.9	1.60	8.1	1.63	8.3	1.68	8.6	1.73
	21	7.0	1.46	7.4	1.54	7.6	1.59	7.8	1.62	7.9	1.65	8.2	1.70	8.4	1.75
	23	6.9	1.47	7.2	1.55	7.5	1.60	7.6	1.63	7.8	1.67	8.0	1.72	8.2	1.77
	25	6.7	1.49	7.1	1.57	7.3	1.62	7.5	1.65	7.6	1.68	7.9	1.73	8.1	1.78
	27	8.3	1.85	8.7	1.96	9.0	2.02	9.2	2.06	9.4	2.10	9.7	2.16	9.9	2.22
	29	8.1	1.87	8.6	1.98	8.8	2.04	9.0	2.08	9.2	2.12	9.5	2.18	9.7	2.25
	31	8.0	1.89	8.4	2.00	8.7	2.06	8.8	2.10	9.0	2.14	9.3	2.21	9.6	2.27
	33	7.8	1.91	8.2	2.02	8.5	2.08	8.7	2.12	8.8	2.17	9.1	2.23	9.4	2.29
	35	7.7	1.93	8.1	2.04	8.3	2.10	8.5	2.14	8.7	2.19	8.9	2.25	9.2	2.32
	37	7.5	1.94	7.9	2.05	8.2	2.11	8.3	2.15	8.5	2.20	8.7	2.26	9.0	2.33
	39	7.3	1.95	7.8	2.06	8.0	2.12	8.2	2.17	8.3	2.21	8.6	2.27	8.8	2.34
	41	7.2	1.96	7.6	2.07	7.8	2.13	8.0	2.18	8.2	2.22	8.4	2.29	8.6	2.35
	43	7.1	1.97	7.4	2.08	7.7	2.14	7.8	2.19	8.0	2.23	8.2	2.30	8.5	2.36
	45	6.9	1.98	7.3	2.09	7.5	2.15	7.7	2.20	7.8	2.24	8.1	2.31	8.3	2.37
	48	6.8	1.99	7.2	2.10	7.4	2.16	7.5	2.21	7.7	2.25	7.9	2.32	8.1	2.39
	50	6.6	2.00	7.0	2.11	7.2	2.18	7.4	2.22	7.5	2.26	7.7	2.33	8.0	2.40
	52	6.5	2.01	6.9	2.12	7.1	2.19	7.2	2.23	7.4	2.28	7.6	2.34	7.8	2.41
	55	6.4	2.02	6.7	2.13	6.9	2.20	7.1	2.24	7.2	2.29	7.4	2.35	7.7	2.42

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	4.9	0.69	5.1	0.73	5.3	0.75	5.4	0.77	5.5	0.78	5.7	0.81	5.8	0.83
	-2	4.8	0.70	5.0	0.74	5.2	0.76	5.3	0.78	5.4	0.79	5.6	0.82	5.7	0.84
	0	4.7	0.71	4.9	0.75	5.1	0.77	5.2	0.78	5.3	0.80	5.4	0.82	5.6	0.85
	2	4.6	0.71	4.8	0.75	5.0	0.78	5.1	0.79	5.2	0.81	5.3	0.83	5.5	0.86
	4	4.5	0.72	4.7	0.76	4.9	0.78	5.0	0.80	5.1	0.82	5.2	0.84	5.4	0.86
	6	4.4	0.73	4.6	0.77	4.8	0.79	4.9	0.81	5.0	0.82	5.1	0.85	5.3	0.87
	8	4.3	0.73	4.6	0.78	4.7	0.80	4.8	0.82	4.9	0.83	5.0	0.86	5.2	0.88
	10	5.8	0.98	6.1	1.03	6.3	1.06	6.4	1.08	6.5	1.11	6.7	1.14	6.9	1.17
	12	5.7	1.02	6.0	1.07	6.2	1.11	6.3	1.13	6.4	1.15	6.6	1.19	6.8	1.22
	14	5.6	1.06	5.9	1.12	6.0	1.15	6.2	1.18	6.3	1.20	6.5	1.23	6.7	1.27
	16	5.4	1.10	5.7	1.16	5.9	1.20	6.0	1.22	6.2	1.25	6.3	1.29	6.5	1.32
	18	6.3	1.24	6.7	1.30	6.9	1.35	7.0	1.37	7.2	1.40	7.4	1.44	7.6	1.48
	20	6.2	1.25	6.5	1.32	6.7	1.36	6.9	1.39	7.0	1.41	7.2	1.46	7.4	1.50
	21	6.1	1.26	6.4	1.33	6.6	1.37	6.8	1.40	6.9	1.43	7.1	1.47	7.3	1.51
	23	6.0	1.27	6.3	1.34	6.5	1.39	6.6	1.41	6.8	1.44	7.0	1.49	7.1	1.53
	25	5.8	1.29	6.2	1.36	6.4	1.40	6.5	1.43	6.6	1.46	6.8	1.50	7.0	1.54
	27	7.2	1.60	7.6	1.69	7.8	1.75	8.0	1.78	8.1	1.82	8.4	1.87	8.6	1.93
	29	7.0	1.62	7.4	1.71	7.7	1.76	7.8	1.80	8.0	1.84	8.2	1.89	8.5	1.94
	31	6.9	1.64	7.3	1.73	7.5	1.78	7.7	1.82	7.8	1.86	8.1	1.91	8.3	1.96
	33	6.8	1.65	7.1	1.75	7.4	1.80	7.5	1.84	7.7	1.87	7.9	1.93	8.1	1.98
	35	6.6	1.67	7.0	1.76	7.2	1.82	7.4	1.86	7.5	1.89	7.7	1.95	8.0	2.00
	37	6.5	1.68	6.9	1.77	7.1	1.83	7.2	1.87	7.4	1.90	7.6	1.96	7.8	2.01
	39	6.4	1.69	6.7	1.78	6.9	1.84	7.1	1.87	7.2	1.91	7.4	1.97	7.6	2.02
	41	6.2	1.70	6.6	1.79	6.8	1.85	6.9	1.88	7.1	1.92	7.3	1.98	7.5	2.03
	43	6.1	1.70	6.5	1.80	6.7	1.86	6.8	1.89	6.9	1.93	7.1	1.99	7.3	2.04
	45	6.0	1.71	6.3	1.81	6.5	1.86	6.7	1.90	6.8	1.94	7.0	2.00	7.2	2.06
	48	5.9	1.72	6.2	1.82	6.4	1.87	6.5	1.91	6.7	1.95	6.9	2.01	7.1	2.07
	50	5.8	1.73	6.1	1.83	6.3	1.88	6.4	1.92	6.5	1.96	6.7	2.02	6.9	2.08
	52	5.6	1.74	6.0	1.83	6.1	1.89	6.3	1.93	6.4	1.97	6.6	2.03	6.8	2.09
	55	5.5	1.75	5.8	1.84	6.0	1.90	6.1	1.94	6.3	1.98	6.5	2.04	6.6	2.10

GCHV-D140W/HZR1-F01

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	9.9	1.45	10.4	1.53	10.7	1.58	11.0	1.62	11.2	1.65	11.5	1.70	11.8	1.74
	-2	9.7	1.47	10.2	1.55	10.5	1.60	10.8	1.63	11.0	1.66	11.3	1.71	11.6	1.76
	0	9.5	1.48	10.0	1.57	10.3	1.62	10.5	1.65	10.8	1.68	11.1	1.73	11.4	1.78
	2	9.3	1.50	9.8	1.58	10.1	1.63	10.3	1.67	10.5	1.70	10.8	1.75	11.2	1.80
	4	9.1	1.51	9.6	1.60	9.9	1.65	10.1	1.68	10.3	1.72	10.6	1.77	10.9	1.82
	6	8.9	1.53	9.4	1.61	9.7	1.66	9.9	1.70	10.1	1.73	10.4	1.78	10.7	1.83
	8	8.8	1.54	9.3	1.63	9.5	1.68	9.7	1.72	9.9	1.75	10.2	1.80	10.5	1.85
	10	11.7	2.05	12.4	2.16	12.8	2.23	13.0	2.28	13.3	2.32	13.7	2.39	14.1	2.46
	12	11.5	2.13	12.1	2.25	12.5	2.32	12.8	2.37	13.0	2.42	13.4	2.49	13.8	2.56
	14	11.3	2.22	11.9	2.35	12.3	2.42	12.5	2.47	12.8	2.52	13.2	2.59	13.5	2.67
	16	11.1	2.32	11.7	2.45	12.0	2.52	12.3	2.57	12.5	2.63	12.9	2.70	13.3	2.78
	18	12.8	2.60	13.6	2.74	14.0	2.83	14.3	2.88	14.6	2.94	15.0	3.03	15.4	3.12
	20	12.6	2.62	13.3	2.77	13.7	2.86	14.0	2.91	14.3	2.97	14.7	3.06	15.1	3.15
	21	12.3	2.65	13.0	2.80	13.4	2.88	13.7	2.94	14.0	3.00	14.4	3.09	14.8	3.18
	23	12.1	2.68	12.8	2.82	13.2	2.91	13.4	2.97	13.7	3.03	14.1	3.12	14.5	3.21
	25	11.9	2.70	12.5	2.85	12.9	2.94	13.2	3.00	13.4	3.06	13.8	3.15	14.2	3.24
	27	14.6	3.37	15.4	3.56	15.9	3.67	16.2	3.75	16.5	3.82	17.0	3.93	17.5	4.05
	29	14.3	3.41	15.1	3.59	15.6	3.71	15.9	3.78	16.2	3.86	16.7	3.97	17.2	4.09
	31	14.0	3.44	14.8	3.63	15.3	3.75	15.6	3.82	15.9	3.90	16.4	4.01	16.8	4.13
	33	13.8	3.47	14.5	3.67	15.0	3.78	15.3	3.86	15.6	3.94	16.0	4.05	16.5	4.17
	35	13.5	3.51	14.2	3.71	14.7	3.82	15.0	3.90	15.3	3.98	15.7	4.10	16.2	4.21
	37	13.2	3.53	13.9	3.72	14.4	3.84	14.7	3.92	15.0	4.00	15.4	4.12	15.9	4.23
	39	12.6	3.46	13.2	3.65	13.7	3.76	13.9	3.84	14.2	3.92	14.6	4.03	15.1	4.15
	41	11.9	3.39	12.6	3.58	13.0	3.69	13.2	3.76	13.5	3.84	13.9	3.95	14.3	4.07
	43	11.3	3.32	12.0	3.50	12.3	3.62	12.6	3.69	12.8	3.76	13.2	3.87	13.6	3.98
	45	10.8	3.22	11.4	3.40	11.7	3.51	12.0	3.58	12.2	3.65	12.6	3.76	12.9	3.86
	48	10.2	3.06	10.8	3.23	11.1	3.33	11.4	3.40	11.6	3.47	11.9	3.57	12.3	3.67
	50	9.7	2.81	10.3	2.97	10.6	3.06	10.8	3.13	11.0	3.19	11.3	3.28	11.7	3.38
	52	9.2	2.59	9.7	2.73	10.0	2.82	10.3	2.88	10.5	2.93	10.8	3.02	11.1	3.11
	55	8.8	2.38	9.3	2.51	9.5	2.59	9.7	2.65	9.9	2.70	10.2	2.78	10.5	2.86
120%	-5	9.7	1.44	10.2	1.52	10.5	1.57	10.8	1.60	11.0	1.63	11.3	1.68	11.6	1.73
	-2	9.5	1.45	10.0	1.54	10.3	1.58	10.5	1.62	10.8	1.65	11.1	1.70	11.4	1.75
	0	9.3	1.47	9.8	1.55	10.1	1.60	10.3	1.63	10.5	1.67	10.9	1.71	11.2	1.76
	2	9.1	1.48	9.6	1.57	9.9	1.62	10.1	1.65	10.3	1.68	10.6	1.73	11.0	1.78
	4	8.9	1.50	9.4	1.58	9.7	1.63	9.9	1.67	10.1	1.70	10.4	1.75	10.7	1.80
	6	8.8	1.51	9.3	1.60	9.6	1.65	9.7	1.68	9.9	1.72	10.2	1.77	10.5	1.82
	8	8.6	1.53	9.1	1.61	9.4	1.67	9.6	1.70	9.7	1.73	10.0	1.78	10.3	1.84
	10	11.5	2.03	12.2	2.14	12.5	2.21	12.8	2.26	13.0	2.30	13.4	2.37	13.8	2.44
	12	11.3	2.11	11.9	2.23	12.3	2.30	12.5	2.35	12.8	2.40	13.2	2.47	13.5	2.54
	14	11.1	2.20	11.7	2.32	12.0	2.40	12.3	2.45	12.5	2.50	12.9	2.57	13.3	2.64
	16	10.8	2.29	11.5	2.42	11.8	2.50	12.1	2.55	12.3	2.60	12.7	2.68	13.0	2.75
	18	12.6	2.57	13.3	2.71	13.7	2.80	14.0	2.86	14.3	2.91	14.7	3.00	15.1	3.09
	20	12.4	2.60	13.0	2.74	13.5	2.83	13.7	2.89	14.0	2.94	14.4	3.03	14.8	3.12
	21	12.1	2.62	12.8	2.77	13.2	2.86	13.5	2.91	13.7	2.97	14.1	3.06	14.5	3.15
	23	11.9	2.65	12.5	2.80	12.9	2.89	13.2	2.94	13.5	3.00	13.9	3.09	14.3	3.18
	25	11.6	2.68	12.3	2.83	12.7	2.91	12.9	2.97	13.2	3.03	13.6	3.12	14.0	3.21
	27	14.3	3.34	15.1	3.52	15.6	3.64	15.9	3.71	16.2	3.78	16.7	3.90	17.2	4.01
	29	14.0	3.37	14.8	3.56	15.3	3.67	15.6	3.75	15.9	3.82	16.4	3.94	16.8	4.05
	31	13.8	3.41	14.5	3.60	15.0	3.71	15.3	3.79	15.6	3.86	16.1	3.97	16.5	4.09
	33	13.5	3.44	14.2	3.63	14.7	3.75	15.0	3.82	15.3	3.90	15.7	4.02	16.2	4.13
	35	13.2	3.48	14.0	3.67	14.4	3.79	14.7	3.86	15.0	3.94	15.4	4.06	15.9	4.17
	37	13.0	3.49	13.7	3.69	14.1	3.80	14.4	3.88	14.7	3.96	15.1	4.08	15.6	4.19
	39	12.3	3.42	13.0	3.61	13.4	3.73	13.7	3.80	14.0	3.88	14.4	3.99	14.8	4.11
	41	11.7	3.36	12.4	3.54	12.7	3.65	13.0	3.73	13.3	3.80	13.7	3.91	14.0	4.03
	43	11.1	3.29	11.7	3.47	12.1	3.58	12.4	3.65	12.6	3.73	13.0	3.84	13.3	3.95
	45	10.6	3.19	11.1	3.37	11.5	3.47	11.7	3.54	12.0	3.61	12.3	3.72	12.7	3.83
	48	10.0	3.03	10.6	3.20	10.9	3.30	11.1	3.37	11.4	3.43	11.7	3.54	12.0	3.64
	50	9.5	2.79	10.1	2.94	10.4	3.04	10.6	3.10	10.8	3.16	11.1	3.25	11.4	3.35
	52	9.1	2.56	9.6	2.71	9.9	2.79	10.1	2.85	10.3	2.91	10.6	2.99	10.9	3.08
	55	8.6	2.36	9.1	2.49	9.4	2.57	9.6	2.62	9.7	2.67	10.0	2.75	10.3	2.83

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	9.5	1.43	10.0	1.51	10.3	1.55	10.6	1.58	10.8	1.62	11.1	1.66	11.4	1.71
	-2	9.3	1.44	9.8	1.52	10.1	1.57	10.3	1.60	10.6	1.63	10.9	1.68	11.2	1.73
	0	9.1	1.46	9.6	1.54	9.9	1.58	10.1	1.62	10.3	1.65	10.7	1.70	11.0	1.75
	2	9.0	1.47	9.4	1.55	9.7	1.60	9.9	1.63	10.1	1.67	10.4	1.71	10.7	1.76
	4	8.8	1.48	9.3	1.57	9.6	1.62	9.8	1.65	9.9	1.68	10.2	1.73	10.5	1.78
	6	8.6	1.50	9.1	1.58	9.4	1.63	9.6	1.67	9.8	1.70	10.0	1.75	10.3	1.80
	8	8.4	1.51	8.9	1.60	9.2	1.65	9.4	1.68	9.6	1.72	9.8	1.77	10.1	1.82
	10	11.3	2.01	11.9	2.12	12.3	2.19	12.5	2.23	12.8	2.28	13.2	2.35	13.6	2.41
	12	11.1	2.09	11.7	2.21	12.1	2.28	12.3	2.33	12.5	2.37	12.9	2.44	13.3	2.51
	14	10.9	2.18	11.5	2.30	11.8	2.38	12.1	2.42	12.3	2.47	12.7	2.54	13.0	2.62
	16	10.6	2.27	11.2	2.40	11.6	2.47	11.8	2.52	12.1	2.57	12.4	2.65	12.8	2.73
	18	12.4	2.55	13.0	2.69	13.5	2.77	13.7	2.83	14.0	2.89	14.4	2.97	14.8	3.06
	20	12.1	2.57	12.8	2.71	13.2	2.80	13.5	2.86	13.7	2.91	14.1	3.00	14.5	3.09
	21	11.9	2.60	12.5	2.74	12.9	2.83	13.2	2.89	13.5	2.94	13.9	3.03	14.3	3.12
	23	11.6	2.62	12.3	2.77	12.7	2.86	12.9	2.92	13.2	2.97	13.6	3.06	14.0	3.15
	25	11.4	2.65	12.1	2.80	12.4	2.89	12.7	2.95	12.9	3.00	13.3	3.09	13.7	3.18
	27	14.0	3.31	14.8	3.49	15.3	3.60	15.6	3.67	15.9	3.75	16.4	3.86	16.9	3.97
	29	13.8	3.34	14.5	3.53	15.0	3.64	15.3	3.71	15.6	3.79	16.1	3.90	16.5	4.01
	31	13.5	3.37	14.3	3.56	14.7	3.67	15.0	3.75	15.3	3.82	15.8	3.94	16.2	4.05
	33	13.2	3.41	14.0	3.60	14.4	3.71	14.7	3.79	15.0	3.86	15.4	3.98	15.9	4.09
	35	13.0	3.44	13.7	3.63	14.1	3.75	14.4	3.83	14.7	3.90	15.1	4.02	15.6	4.13
	37	12.7	3.46	13.4	3.65	13.8	3.77	14.1	3.84	14.4	3.92	14.8	4.04	15.3	4.15
	39	12.1	3.39	12.8	3.58	13.2	3.69	13.4	3.77	13.7	3.84	14.1	3.96	14.5	4.07
	41	11.5	3.32	12.1	3.51	12.5	3.62	12.8	3.69	13.0	3.77	13.4	3.88	13.8	3.99
	43	10.9	3.26	11.5	3.44	11.9	3.55	12.1	3.62	12.4	3.69	12.7	3.80	13.1	3.91
	45	10.4	3.16	10.9	3.33	11.3	3.44	11.5	3.51	11.7	3.58	12.1	3.68	12.4	3.79
	48	9.8	3.00	10.4	3.17	10.7	3.27	10.9	3.33	11.2	3.40	11.5	3.50	11.8	3.60
	50	9.3	2.76	9.9	2.91	10.2	3.01	10.4	3.07	10.6	3.13	10.9	3.22	11.2	3.31
	52	8.9	2.54	9.4	2.68	9.7	2.77	9.9	2.82	10.1	2.88	10.4	2.96	10.7	3.05
	55	8.4	2.34	8.9	2.47	9.2	2.54	9.4	2.60	9.6	2.65	9.8	2.73	10.1	2.80
100%	-5	9.2	1.40	9.7	1.48	10.0	1.52	10.2	1.55	10.5	1.58	10.8	1.63	11.1	1.68
	-2	9.0	1.41	9.5	1.49	9.8	1.54	10.0	1.57	10.2	1.60	10.5	1.65	10.9	1.69
	0	8.9	1.43	9.4	1.51	9.7	1.55	9.9	1.58	10.0	1.62	10.3	1.66	10.6	1.71
	2	8.7	1.44	9.2	1.52	9.5	1.57	9.7	1.60	9.9	1.63	10.1	1.68	10.4	1.73
	4	8.5	1.46	9.0	1.54	9.3	1.58	9.5	1.62	9.7	1.65	9.9	1.70	10.2	1.75
	6	8.4	1.47	8.8	1.55	9.1	1.60	9.3	1.63	9.5	1.67	9.7	1.72	10.0	1.76
	8	8.2	1.49	8.6	1.57	8.9	1.62	9.1	1.65	9.3	1.68	9.6	1.73	9.8	1.78
	10	11.0	1.97	11.6	2.08	11.9	2.15	12.2	2.19	12.4	2.23	12.8	2.30	13.2	2.36
	12	10.7	2.05	11.3	2.17	11.7	2.24	11.9	2.28	12.2	2.33	12.5	2.40	12.9	2.46
	14	10.5	2.14	11.1	2.26	11.5	2.33	11.7	2.38	11.9	2.42	12.3	2.49	12.6	2.57
	16	10.3	2.23	10.9	2.35	11.3	2.43	11.5	2.48	11.7	2.52	12.1	2.60	12.4	2.67
	18	12.0	2.50	12.7	2.64	13.1	2.72	13.3	2.77	13.6	2.83	14.0	2.91	14.4	3.00
	20	11.8	2.52	12.4	2.66	12.8	2.75	13.1	2.80	13.3	2.86	13.7	2.94	14.1	3.03
	21	11.5	2.55	12.2	2.69	12.6	2.77	12.8	2.83	13.1	2.89	13.5	2.97	13.8	3.06
	23	11.3	2.57	11.9	2.72	12.3	2.80	12.6	2.86	12.8	2.92	13.2	3.00	13.6	3.09
	25	11.1	2.60	11.7	2.74	12.1	2.83	12.3	2.89	12.6	2.95	12.9	3.03	13.3	3.12
	27	13.6	3.24	14.4	3.42	14.9	3.53	15.2	3.60	15.5	3.67	15.9	3.78	16.4	3.89
	29	13.4	3.27	14.1	3.46	14.6	3.57	14.9	3.64	15.2	3.71	15.6	3.82	16.0	3.93
	31	13.1	3.31	13.8	3.49	14.3	3.60	14.6	3.68	14.9	3.75	15.3	3.86	15.7	3.97
	33	12.9	3.34	13.6	3.53	14.0	3.64	14.3	3.71	14.6	3.79	15.0	3.90	15.4	4.01
	35	12.6	3.38	13.3	3.56	13.7	3.68	14.0	3.75	14.3	3.83	14.7	3.94	15.1	4.05
	37	12.3	3.39	13.0	3.58	13.4	3.69	13.7	3.81	14.0	3.84	14.4	3.96	14.8	4.07
	39	11.7	3.32	12.4	3.51	12.8	3.62	13.4	3.87	13.3	3.77	13.7	3.88	14.1	3.99
	41	11.1	3.26	11.8	3.44	12.1	3.55	13.2	3.93	12.6	3.69	13.0	3.80	13.4	3.91
	43	10.6	3.19	11.2	3.37	11.5	3.48	12.9	4.00	12.0	3.62	12.4	3.72	12.7	3.83
	45	10.1	3.10	10.6	3.27	11.0	3.37	12.7	4.06	11.4	3.51	11.7	3.61	12.1	3.72
	48	9.6	2.94	10.1	3.11	10.4	3.20	12.4	4.12	10.8	3.33	11.1	3.43	11.5	3.53
	50	9.1	2.71	9.6	2.86	9.9	2.95	12.2	4.19	10.3	3.07	10.6	3.16	10.9	3.25
	52	8.6	2.49	9.1	2.63	9.4	2.71	11.9	4.26	9.8	2.82	10.1	2.90	10.3	2.99
	55	8.2	2.29	8.6	2.42	8.9	2.49	11.7	4.33	9.3	2.60	9.6	2.67	9.8	2.75

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	8.8	1.31	9.2	1.39	9.5	1.43	9.7	1.46	9.9	1.49	10.2	1.53	10.5	1.58
	-2	8.6	1.33	9.1	1.40	9.4	1.45	9.5	1.47	9.7	1.50	10.0	1.55	10.3	1.59
	0	8.4	1.34	8.9	1.42	9.2	1.46	9.4	1.49	9.5	1.52	9.8	1.56	10.1	1.61
	2	8.3	1.35	8.7	1.43	9.0	1.47	9.2	1.50	9.4	1.54	9.6	1.58	9.9	1.63
	4	8.1	1.37	8.5	1.44	8.8	1.49	9.0	1.52	9.2	1.55	9.4	1.60	9.7	1.64
	6	7.9	1.38	8.4	1.46	8.6	1.50	8.8	1.54	9.0	1.57	9.3	1.61	9.5	1.66
	8	7.8	1.40	8.2	1.47	8.5	1.52	8.6	1.55	8.8	1.58	9.1	1.63	9.3	1.68
	10	10.4	1.85	11.0	1.96	11.3	2.02	11.6	2.06	11.8	2.10	12.2	2.16	12.5	2.22
	12	10.2	1.93	10.8	2.04	11.1	2.10	11.3	2.14	11.6	2.19	11.9	2.25	12.3	2.32
	14	10.0	2.01	10.6	2.12	10.9	2.19	11.1	2.23	11.3	2.28	11.7	2.35	12.0	2.41
	16	9.8	2.09	10.4	2.21	10.7	2.28	10.9	2.33	11.1	2.37	11.5	2.44	11.8	2.51
	18	11.4	2.35	12.0	2.48	12.4	2.56	12.7	2.61	12.9	2.66	13.3	2.74	13.7	2.82
	20	11.2	2.37	11.8	2.50	12.2	2.58	12.4	2.63	12.7	2.69	13.0	2.77	13.4	2.84
	21	11.0	2.39	11.6	2.53	11.9	2.61	12.2	2.66	12.4	2.71	12.8	2.79	13.2	2.87
	23	10.7	2.42	11.3	2.55	11.7	2.63	11.9	2.69	12.2	2.74	12.5	2.82	12.9	2.90
	25	10.5	2.44	11.1	2.58	11.5	2.66	11.7	2.71	11.9	2.77	12.3	2.85	12.6	2.93
	27	13.0	3.05	13.7	3.22	14.1	3.32	14.4	3.39	14.7	3.45	15.1	3.56	15.5	3.66
	29	12.7	3.08	13.4	3.25	13.8	3.35	14.1	3.42	14.4	3.49	14.8	3.59	15.2	3.69
	31	12.5	3.11	13.1	3.28	13.6	3.39	13.8	3.45	14.1	3.52	14.5	3.63	14.9	3.73
	33	12.2	3.14	12.9	3.32	13.3	3.42	13.6	3.49	13.8	3.56	14.2	3.66	14.7	3.77
	35	12.0	3.17	12.6	3.35	13.0	3.45	13.3	3.53	13.6	3.60	14.0	3.70	14.4	3.81
	37	11.7	3.19	12.4	3.37	12.8	3.47	13.0	3.54	13.3	3.61	13.7	3.72	14.1	3.83
	39	11.1	3.12	11.8	3.30	12.1	3.40	12.4	3.47	12.6	3.54	13.0	3.65	13.4	3.75
	41	10.6	3.06	11.2	3.23	11.5	3.33	11.8	3.40	12.0	3.47	12.4	3.57	12.7	3.67
	43	10.1	3.00	10.6	3.17	11.0	3.27	11.2	3.33	11.4	3.40	11.7	3.50	12.1	3.60
	45	9.6	2.91	10.1	3.07	10.4	3.17	10.6	3.23	10.8	3.30	11.1	3.40	11.5	3.49
	48	9.1	2.77	9.6	2.92	9.9	3.01	10.1	3.07	10.3	3.13	10.6	3.23	10.9	3.32
	50	8.6	2.54	9.1	2.69	9.4	2.77	9.6	2.83	9.8	2.88	10.1	2.97	10.3	3.05
	52	8.2	2.34	8.6	2.47	8.9	2.55	9.1	2.60	9.3	2.65	9.6	2.73	9.8	2.81
	55	7.8	2.15	8.2	2.27	8.5	2.34	8.6	2.39	8.8	2.44	9.1	2.51	9.3	2.58
80%	-5	7.9	1.19	8.4	1.25	8.6	1.29	8.8	1.32	9.0	1.35	9.3	1.39	9.5	1.43
	-2	7.8	1.20	8.2	1.27	8.5	1.31	8.6	1.33	8.8	1.36	9.1	1.40	9.3	1.44
	0	7.6	1.21	8.0	1.28	8.3	1.32	8.5	1.35	8.6	1.37	8.9	1.41	9.1	1.46
	2	7.5	1.22	7.9	1.29	8.1	1.33	8.3	1.36	8.5	1.39	8.7	1.43	9.0	1.47
	4	7.3	1.24	7.7	1.31	8.0	1.35	8.1	1.37	8.3	1.40	8.5	1.44	8.8	1.48
	6	7.2	1.25	7.6	1.32	7.8	1.36	8.0	1.39	8.1	1.42	8.4	1.46	8.6	1.50
	8	7.0	1.26	7.4	1.33	7.7	1.37	7.8	1.40	8.0	1.43	8.2	1.47	8.5	1.51
	10	9.4	1.68	10.0	1.77	10.3	1.82	10.5	1.86	10.7	1.90	11.0	1.95	11.3	2.01
	12	9.2	1.74	9.8	1.84	10.1	1.90	10.3	1.94	10.5	1.98	10.8	2.04	11.1	2.09
	14	9.1	1.82	9.6	1.92	9.9	1.98	10.1	2.02	10.3	2.06	10.6	2.12	10.9	2.18
	16	8.9	1.89	9.4	2.00	9.7	2.06	9.9	2.10	10.1	2.15	10.4	2.21	10.7	2.27
	18	10.3	2.12	10.9	2.24	11.2	2.31	11.5	2.36	11.7	2.40	12.0	2.48	12.4	2.55
	20	10.1	2.14	10.7	2.26	11.0	2.33	11.2	2.38	11.5	2.43	11.8	2.50	12.1	2.57
	21	9.9	2.16	10.5	2.29	10.8	2.36	11.0	2.41	11.2	2.45	11.6	2.53	11.9	2.60
	23	9.7	2.19	10.3	2.31	10.6	2.38	10.8	2.43	11.0	2.48	11.3	2.55	11.7	2.62
	25	9.5	2.21	10.1	2.33	10.4	2.41	10.6	2.45	10.8	2.50	11.1	2.58	11.4	2.65
	27	11.7	2.76	12.4	2.91	12.8	3.00	13.0	3.06	13.3	3.12	13.7	3.21	14.1	3.31
	29	11.5	2.78	12.1	2.94	12.5	3.03	12.8	3.09	13.0	3.15	13.4	3.25	13.8	3.34
	31	11.3	2.81	11.9	2.97	12.3	3.06	12.5	3.12	12.8	3.19	13.2	3.28	13.5	3.37
	33	11.1	2.84	11.7	3.00	12.0	3.09	12.3	3.16	12.5	3.22	12.9	3.31	13.3	3.41
	35	10.8	2.87	11.4	3.03	11.8	3.12	12.0	3.19	12.3	3.25	12.6	3.35	13.0	3.44
	37	10.6	2.88	11.2	3.04	11.6	3.14	11.8	3.20	12.0	3.27	12.4	3.36	12.7	3.46
	39	10.1	2.83	10.6	2.98	11.0	3.08	11.2	3.14	11.4	3.20	11.8	3.30	12.1	3.39
	41	9.6	2.77	10.1	2.92	10.4	3.02	10.6	3.08	10.9	3.14	11.2	3.23	11.5	3.32
	43	9.1	2.71	9.6	2.86	9.9	2.95	10.1	3.02	10.3	3.08	10.6	3.17	10.9	3.26
	45	8.6	2.63	9.1	2.78	9.4	2.87	9.6	2.92	9.8	2.98	10.1	3.07	10.4	3.16
	48	8.2	2.50	8.7	2.64	8.9	2.72	9.1	2.78	9.3	2.83	9.6	2.92	9.9	3.00
	50	7.8	2.30	8.2	2.43	8.5	2.50	8.7	2.56	8.8	2.61	9.1	2.68	9.4	2.76
	52	7.4	2.12	7.8	2.23	8.1	2.30	8.2	2.35	8.4	2.40	8.7	2.47	8.9	2.54
	55	7.0	1.95	7.4	2.06	7.7	2.12	7.8	2.16	8.0	2.21	8.2	2.27	8.5	2.34

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	7.1	1.06	7.5	1.12	7.7	1.16	7.9	1.18	8.0	1.20	8.3	1.24	8.5	1.28
	-2	7.0	1.07	7.3	1.13	7.6	1.17	7.7	1.19	7.9	1.22	8.1	1.25	8.4	1.29
	0	6.8	1.08	7.2	1.14	7.4	1.18	7.6	1.20	7.7	1.23	8.0	1.26	8.2	1.30
	2	6.7	1.10	7.1	1.16	7.3	1.19	7.4	1.22	7.6	1.24	7.8	1.28	8.0	1.31
	4	6.6	1.11	6.9	1.17	7.1	1.20	7.3	1.23	7.4	1.25	7.7	1.29	7.9	1.33
	6	6.4	1.12	6.8	1.18	7.0	1.22	7.1	1.24	7.3	1.27	7.5	1.30	7.7	1.34
	8	6.3	1.13	6.7	1.19	6.9	1.23	7.0	1.25	7.1	1.28	7.4	1.32	7.6	1.35
	10	8.4	1.50	8.9	1.58	9.2	1.63	9.4	1.66	9.6	1.70	9.8	1.75	10.1	1.80
	12	8.3	1.56	8.7	1.65	9.0	1.70	9.2	1.73	9.4	1.77	9.7	1.82	9.9	1.87
	14	8.1	1.63	8.6	1.72	8.8	1.77	9.0	1.81	9.2	1.84	9.5	1.90	9.7	1.95
	16	8.0	1.69	8.4	1.79	8.7	1.84	8.8	1.88	9.0	1.92	9.3	1.98	9.5	2.03
	18	9.2	1.90	9.8	2.00	10.1	2.07	10.3	2.11	10.5	2.15	10.8	2.21	11.1	2.28
	20	9.1	1.92	9.6	2.02	9.9	2.09	10.1	2.13	10.3	2.17	10.6	2.24	10.9	2.30
	21	8.9	1.94	9.4	2.04	9.7	2.11	9.9	2.15	10.1	2.19	10.4	2.26	10.7	2.32
	23	8.7	1.96	9.2	2.06	9.5	2.13	9.7	2.17	9.9	2.22	10.2	2.28	10.5	2.35
	25	8.5	1.98	9.0	2.08	9.3	2.15	9.5	2.19	9.7	2.24	10.0	2.30	10.2	2.37
	27	10.5	2.46	11.1	2.60	11.4	2.68	11.7	2.74	11.9	2.79	12.3	2.87	12.6	2.96
	29	10.3	2.49	10.9	2.63	11.2	2.71	11.4	2.77	11.7	2.82	12.0	2.90	12.4	2.99
	31	10.1	2.51	10.7	2.65	11.0	2.74	11.2	2.79	11.4	2.85	11.8	2.93	12.1	3.02
	33	9.9	2.54	10.4	2.68	10.8	2.77	11.0	2.82	11.2	2.88	11.5	2.96	11.9	3.05
	35	9.7	2.57	10.2	2.71	10.6	2.79	10.8	2.85	11.0	2.91	11.3	2.99	11.6	3.08
	37	9.5	2.58	10.0	2.72	10.4	2.81	10.6	2.86	10.8	2.92	11.1	3.01	11.4	3.09
	39	9.3	2.59	9.8	2.73	10.1	2.82	10.4	2.88	10.6	2.94	10.9	3.02	11.2	3.11
	41	9.1	2.60	9.6	2.75	9.9	2.84	10.1	2.89	10.3	2.95	10.7	3.04	11.0	3.12
	43	8.9	2.62	9.4	2.76	9.7	2.85	9.9	2.91	10.1	2.97	10.4	3.05	10.7	3.14
	45	8.8	2.63	9.3	2.78	9.5	2.86	9.7	2.92	9.9	2.98	10.2	3.07	10.5	3.16
	48	8.6	2.64	9.1	2.79	9.4	2.88	9.5	2.94	9.7	3.00	10.0	3.08	10.3	3.17
	50	8.4	2.66	8.9	2.80	9.2	2.89	9.4	2.95	9.5	3.01	9.8	3.10	10.1	3.19
	52	8.3	2.67	8.7	2.82	9.0	2.91	9.2	2.97	9.4	3.03	9.6	3.11	9.9	3.20
	55	8.1	2.68	8.5	2.83	8.8	2.92	9.0	2.98	9.2	3.04	9.4	3.13	9.7	3.22
60%	-5	6.3	0.94	6.6	0.99	6.8	1.02	7.0	1.04	7.1	1.06	7.3	1.09	7.5	1.12
	-2	6.1	0.95	6.5	1.00	6.7	1.03	6.8	1.05	7.0	1.07	7.2	1.10	7.4	1.14
	0	6.0	0.96	6.4	1.01	6.6	1.04	6.7	1.06	6.8	1.08	7.0	1.12	7.2	1.15
	2	5.9	0.97	6.2	1.02	6.4	1.05	6.6	1.07	6.7	1.09	6.9	1.13	7.1	1.16
	4	5.8	0.98	6.1	1.03	6.3	1.06	6.4	1.08	6.6	1.11	6.8	1.14	7.0	1.17
	6	5.7	0.99	6.0	1.04	6.2	1.07	6.3	1.09	6.4	1.12	6.6	1.15	6.8	1.18
	8	5.6	0.99	5.9	1.05	6.1	1.08	6.2	1.11	6.3	1.13	6.5	1.16	6.7	1.19
	10	7.5	1.32	7.9	1.39	8.1	1.44	8.3	1.47	8.4	1.50	8.7	1.54	8.9	1.58
	12	7.3	1.38	7.7	1.45	8.0	1.50	8.1	1.53	8.3	1.56	8.5	1.60	8.8	1.65
	14	7.2	1.43	7.6	1.51	7.8	1.56	8.0	1.59	8.1	1.62	8.4	1.67	8.6	1.72
	16	7.0	1.49	7.4	1.58	7.7	1.63	7.8	1.66	8.0	1.69	8.2	1.74	8.4	1.79
	18	8.2	1.67	8.6	1.77	8.9	1.82	9.1	1.86	9.2	1.90	9.5	1.95	9.8	2.01
	20	8.0	1.69	8.4	1.78	8.7	1.84	8.9	1.88	9.1	1.91	9.3	1.97	9.6	2.03
	21	7.8	1.71	8.3	1.80	8.5	1.86	8.7	1.90	8.9	1.93	9.2	1.99	9.4	2.05
	23	7.7	1.72	8.1	1.82	8.4	1.88	8.5	1.92	8.7	1.95	9.0	2.01	9.2	2.07
	25	7.5	1.74	8.0	1.84	8.2	1.90	8.4	1.93	8.5	1.97	8.8	2.03	9.0	2.09
	27	9.3	2.17	9.8	2.29	10.1	2.37	10.3	2.41	10.5	2.46	10.8	2.53	11.1	2.61
	29	9.1	2.19	9.6	2.32	9.9	2.39	10.1	2.44	10.3	2.49	10.6	2.56	10.9	2.63
	31	8.9	2.22	9.4	2.34	9.7	2.41	9.9	2.46	10.1	2.51	10.4	2.59	10.7	2.66
	33	8.7	2.24	9.2	2.36	9.5	2.44	9.7	2.49	9.9	2.54	10.2	2.61	10.5	2.69
	35	8.6	2.26	9.0	2.39	9.3	2.46	9.5	2.51	9.7	2.56	10.0	2.64	10.3	2.71
	37	8.4	2.27	8.9	2.40	9.1	2.47	9.3	2.53	9.5	2.58	9.8	2.65	10.1	2.73
	39	8.2	2.28	8.7	2.41	9.0	2.49	9.1	2.54	9.3	2.59	9.6	2.66	9.9	2.74
	41	8.1	2.30	8.5	2.42	8.8	2.50	9.0	2.55	9.1	2.60	9.4	2.68	9.7	2.75
	43	7.9	2.31	8.3	2.43	8.6	2.51	8.8	2.56	9.0	2.61	9.2	2.69	9.5	2.77
	45	7.7	2.32	8.2	2.45	8.4	2.52	8.6	2.58	8.8	2.63	9.0	2.70	9.3	2.78
	48	7.6	2.33	8.0	2.46	8.3	2.54	8.4	2.59	8.6	2.64	8.9	2.72	9.1	2.80
	50	7.4	2.34	7.9	2.47	8.1	2.55	8.3	2.60	8.4	2.65	8.7	2.73	8.9	2.81
	52	7.3	2.35	7.7	2.48	7.9	2.56	8.1	2.61	8.3	2.67	8.5	2.75	8.7	2.82
	55	7.1	2.37	7.5	2.50	7.8	2.58	7.9	2.63	8.1	2.68	8.3	2.76	8.6	2.84

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
50%	-5	5.4	0.81	5.7	0.86	5.9	0.88	6.0	0.90	6.2	0.92	6.3	0.95	6.5	0.97
	-2	5.3	0.82	5.6	0.86	5.8	0.89	5.9	0.91	6.0	0.93	6.2	0.96	6.4	0.98
	0	5.2	0.83	5.5	0.87	5.7	0.90	5.8	0.92	5.9	0.94	6.1	0.97	6.3	0.99
	2	5.1	0.84	5.4	0.88	5.6	0.91	5.7	0.93	5.8	0.95	6.0	0.98	6.2	1.00
	4	5.0	0.84	5.3	0.89	5.5	0.92	5.6	0.94	5.7	0.96	5.9	0.98	6.0	1.01
	6	4.9	0.85	5.2	0.90	5.4	0.93	5.5	0.95	5.6	0.97	5.8	0.99	5.9	1.02
	8	4.8	0.86	5.1	0.91	5.3	0.94	5.4	0.96	5.5	0.98	5.6	1.00	5.8	1.03
	10	6.5	1.14	6.8	1.21	7.0	1.24	7.2	1.27	7.3	1.30	7.5	1.33	7.8	1.37
	12	6.3	1.19	6.7	1.26	6.9	1.30	7.0	1.32	7.2	1.35	7.4	1.39	7.6	1.43
	14	6.2	1.24	6.6	1.31	6.8	1.35	6.9	1.38	7.0	1.41	7.3	1.45	7.5	1.49
	16	6.1	1.29	6.4	1.36	6.6	1.41	6.8	1.44	6.9	1.46	7.1	1.51	7.3	1.55
	18	7.1	1.45	7.5	1.53	7.7	1.58	7.9	1.61	8.0	1.64	8.3	1.69	8.5	1.74
	20	6.9	1.46	7.3	1.54	7.6	1.59	7.7	1.63	7.9	1.66	8.1	1.71	8.3	1.76
	21	6.8	1.48	7.2	1.56	7.4	1.61	7.6	1.64	7.7	1.67	7.9	1.72	8.2	1.77
	23	6.7	1.49	7.0	1.58	7.3	1.62	7.4	1.66	7.6	1.69	7.8	1.74	8.0	1.79
	25	6.5	1.51	6.9	1.59	7.1	1.64	7.3	1.67	7.4	1.71	7.6	1.76	7.9	1.81
	27	8.0	1.88	8.5	1.98	8.8	2.05	8.9	2.09	9.1	2.13	9.4	2.19	9.7	2.26
	29	7.9	1.90	8.3	2.00	8.6	2.07	8.8	2.11	8.9	2.15	9.2	2.22	9.5	2.28
	31	7.7	1.92	8.2	2.03	8.4	2.09	8.6	2.13	8.8	2.17	9.0	2.24	9.3	2.30
	33	7.6	1.94	8.0	2.05	8.3	2.11	8.4	2.15	8.6	2.20	8.8	2.26	9.1	2.33
	35	7.4	1.96	7.8	2.07	8.1	2.13	8.3	2.18	8.4	2.22	8.7	2.28	8.9	2.35
	37	7.3	1.97	7.7	2.08	7.9	2.14	8.1	2.19	8.3	2.23	8.5	2.30	8.7	2.36
	39	7.1	1.98	7.5	2.09	7.8	2.15	7.9	2.20	8.1	2.24	8.3	2.31	8.6	2.37
	41	7.0	1.99	7.4	2.10	7.6	2.16	7.8	2.21	7.9	2.25	8.2	2.32	8.4	2.38
	43	6.9	2.00	7.2	2.11	7.5	2.17	7.6	2.22	7.8	2.26	8.0	2.33	8.2	2.40
	45	6.7	2.01	7.1	2.12	7.3	2.19	7.5	2.23	7.6	2.27	7.8	2.34	8.1	2.41
	48	6.6	2.02	7.0	2.13	7.2	2.20	7.3	2.24	7.5	2.29	7.7	2.35	7.9	2.42
	50	6.5	2.03	6.8	2.14	7.0	2.21	7.2	2.25	7.3	2.30	7.5	2.36	7.7	2.43
	52	6.3	2.04	6.7	2.15	6.9	2.22	7.0	2.26	7.2	2.31	7.4	2.38	7.6	2.44
	55	6.2	2.05	6.5	2.16	6.7	2.23	6.9	2.27	7.0	2.32	7.2	2.39	7.4	2.46

GCHV-D160W/HZR1-F01

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-5	11.3	1.84	11.9	1.94	12.3	2.01	12.5	2.05	12.8	2.09	13.2	2.15	13.5	2.21
	-2	11.1	1.86	11.7	1.96	12.0	2.03	12.3	2.07	12.5	2.11	12.9	2.17	13.3	2.23
	0	10.8	1.88	11.4	1.98	11.8	2.05	12.0	2.09	12.3	2.13	12.6	2.19	13.0	2.25
	2	10.6	1.90	11.2	2.00	11.6	2.07	11.8	2.11	12.0	2.15	12.4	2.21	12.8	2.28
	4	10.4	1.92	11.0	2.02	11.3	2.09	11.6	2.13	11.8	2.17	12.2	2.24	12.5	2.30
	6	10.2	1.94	10.8	2.04	11.1	2.11	11.4	2.15	11.6	2.19	11.9	2.26	12.3	2.32
	8	10.0	1.96	10.6	2.06	10.9	2.13	11.1	2.17	11.4	2.22	11.7	2.28	12.0	2.35
	10	13.4	2.60	14.2	2.74	14.6	2.83	14.9	2.88	15.2	2.94	15.6	3.03	16.1	3.12
	12	13.1	2.70	13.9	2.85	14.3	2.94	14.6	3.00	14.9	3.06	15.3	3.16	15.8	3.25
	14	12.9	2.82	13.6	2.97	14.0	3.07	14.3	3.13	14.6	3.19	15.0	3.29	15.5	3.38
	16	12.6	2.93	13.3	3.10	13.8	3.20	14.0	3.26	14.3	3.33	14.7	3.42	15.2	3.52
	18	14.7	3.29	15.5	3.47	16.0	3.58	16.3	3.65	16.6	3.73	17.1	3.84	17.6	3.95
	20	14.4	3.32	15.2	3.51	15.7	3.62	16.0	3.69	16.3	3.76	16.8	3.88	17.3	3.99
	21	14.1	3.36	14.9	3.54	15.4	3.65	15.7	3.73	16.0	3.80	16.5	3.91	16.9	4.03
	23	13.8	3.39	14.6	3.58	15.1	3.69	15.4	3.77	15.7	3.84	16.1	3.95	16.6	4.07
	25	13.6	3.42	14.3	3.61	14.8	3.73	15.1	3.80	15.4	3.88	15.8	3.99	16.3	4.11
	27	16.7	4.27	17.6	4.51	18.2	4.65	18.5	4.75	18.9	4.84	19.5	4.98	20.0	5.12
	29	16.4	4.31	17.3	4.55	17.8	4.70	18.2	4.79	18.5	4.89	19.1	5.03	19.6	5.18
	31	16.0	4.36	16.9	4.60	17.5	4.74	17.8	4.84	18.2	4.94	18.7	5.08	19.2	5.23
	33	15.7	4.40	16.6	4.65	17.1	4.79	17.5	4.89	17.8	4.99	18.3	5.14	18.9	5.28
	35	15.4	4.45	16.3	4.69	16.8	4.84	17.1	4.94	17.5	5.04	18.0	5.19	18.5	5.34
	37	15.1	4.47	15.9	4.72	16.4	4.87	16.8	4.96	17.1	5.06	17.6	5.21	18.1	5.36
	39	14.3	4.38	15.1	4.62	15.6	4.77	15.9	4.87	16.3	4.96	16.7	5.11	17.2	5.25
	41	13.6	4.29	14.4	4.53	14.8	4.67	15.1	4.77	15.4	4.86	15.9	5.01	16.4	5.15
	43	12.9	4.21	13.7	4.44	14.1	4.58	14.4	4.67	14.7	4.77	15.1	4.91	15.5	5.05
	45	12.3	4.08	13.0	4.31	13.4	4.44	13.7	4.53	13.9	4.62	14.3	4.76	14.8	4.90
	48	11.7	3.88	12.3	4.09	12.7	4.22	13.0	4.31	13.2	4.39	13.6	4.52	14.0	4.65
	50	11.1	3.57	11.7	3.76	12.1	3.88	12.3	3.96	12.6	4.04	12.9	4.16	13.3	4.28
	52	10.5	3.28	11.1	3.46	11.5	3.57	11.7	3.64	12.0	3.72	12.3	3.83	12.7	3.94
	55	10.0	3.02	10.6	3.19	10.9	3.29	11.1	3.35	11.4	3.42	11.7	3.52	12.0	3.62
120%	-5	11.1	1.82	11.7	1.93	12.1	1.99	12.3	2.03	12.5	2.07	12.9	2.13	13.3	2.19
	-2	10.9	1.84	11.5	1.94	11.8	2.01	12.1	2.05	12.3	2.09	12.7	2.15	13.0	2.21
	0	10.6	1.86	11.2	1.96	11.6	2.03	11.8	2.07	12.1	2.11	12.4	2.17	12.8	2.23
	2	10.4	1.88	11.0	1.98	11.4	2.05	11.6	2.09	11.8	2.13	12.2	2.19	12.5	2.26
	4	10.2	1.90	10.8	2.00	11.1	2.07	11.4	2.11	11.6	2.15	11.9	2.22	12.3	2.28
	6	10.0	1.92	10.6	2.02	10.9	2.09	11.1	2.13	11.4	2.17	11.7	2.24	12.0	2.30
	8	9.8	1.94	10.4	2.05	10.7	2.11	10.9	2.15	11.1	2.20	11.5	2.26	11.8	2.32
	10	13.2	2.57	13.9	2.71	14.3	2.80	14.6	2.86	14.9	2.91	15.4	3.00	15.8	3.09
	12	12.9	2.68	13.6	2.83	14.0	2.92	14.3	2.98	14.6	3.04	15.0	3.12	15.5	3.21
	14	12.6	2.79	13.3	2.94	13.8	3.04	14.1	3.10	14.3	3.16	14.8	3.25	15.2	3.35
	16	12.4	2.91	13.1	3.07	13.5	3.16	13.8	3.23	14.1	3.29	14.5	3.39	14.9	3.49
	18	14.4	3.26	15.2	3.44	15.7	3.55	16.0	3.62	16.3	3.69	16.8	3.80	17.3	3.91
	20	14.1	3.29	14.9	3.47	15.4	3.58	15.7	3.66	16.0	3.73	16.5	3.84	16.9	3.95
	21	13.8	3.32	14.6	3.51	15.1	3.62	15.4	3.69	15.7	3.77	16.2	3.88	16.6	3.99
	23	13.6	3.36	14.3	3.54	14.8	3.65	15.1	3.73	15.4	3.80	15.8	3.92	16.3	4.03
	25	13.3	3.39	14.0	3.58	14.5	3.69	14.8	3.77	15.1	3.84	15.5	3.96	16.0	4.07
	27	16.4	4.23	17.3	4.46	17.8	4.61	18.2	4.70	18.5	4.79	19.1	4.93	19.6	5.08
	29	16.0	4.27	16.9	4.51	17.5	4.65	17.8	4.75	18.2	4.84	18.7	4.98	19.3	5.13
	31	15.7	4.32	16.6	4.56	17.1	4.70	17.5	4.80	17.8	4.89	18.4	5.03	18.9	5.18
	33	15.4	4.36	16.3	4.60	16.8	4.75	17.1	4.84	17.5	4.94	18.0	5.09	18.5	5.23
	35	15.1	4.40	16.0	4.65	16.5	4.79	16.8	4.89	17.1	4.99	17.6	5.14	18.1	5.28
	37	14.8	4.43	15.6	4.67	16.1	4.82	16.5	4.92	16.8	5.02	17.3	5.16	17.8	5.31
	39	14.1	4.34	14.9	4.58	15.3	4.72	15.6	4.82	16.0	4.91	16.4	5.06	16.9	5.20
	41	13.4	4.25	14.1	4.49	14.6	4.63	14.9	4.72	15.2	4.82	15.6	4.96	16.0	5.10
	43	12.7	4.17	13.4	4.40	13.8	4.54	14.1	4.63	14.4	4.72	14.8	4.86	15.2	5.00
	45	12.1	4.04	12.7	4.26	13.1	4.40	13.4	4.49	13.7	4.58	14.1	4.71	14.5	4.85
	48	11.5	3.84	12.1	4.05	12.5	4.18	12.7	4.26	13.0	4.35	13.4	4.48	13.8	4.61
	50	10.9	3.53	11.5	3.73	11.9	3.84	12.1	3.92	12.3	4.00	12.7	4.12	13.1	4.24
	52	10.3	3.25	10.9	3.43	11.3	3.54	11.5	3.61	11.7	3.68	12.1	3.79	12.4	3.90
	55	9.8	2.99	10.4	3.15	10.7	3.25	10.9	3.32	11.1	3.39	11.5	3.49	11.8	3.59

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
110%	-5	10.9	1.81	11.5	1.91	11.8	1.97	12.1	2.01	12.3	2.05	12.7	2.11	13.0	2.17
	-2	10.6	1.82	11.2	1.93	11.6	1.99	11.8	2.03	12.1	2.07	12.4	2.13	12.8	2.19
	0	10.4	1.84	11.0	1.95	11.4	2.01	11.6	2.05	11.8	2.09	12.2	2.15	12.5	2.21
	2	10.2	1.86	10.8	1.97	11.1	2.03	11.4	2.07	11.6	2.11	11.9	2.17	12.3	2.23
	4	10.0	1.88	10.6	1.98	10.9	2.05	11.1	2.09	11.4	2.13	11.7	2.19	12.0	2.26
	6	9.8	1.90	10.4	2.00	10.7	2.07	10.9	2.11	11.1	2.15	11.5	2.22	11.8	2.28
	8	9.6	1.92	10.2	2.03	10.5	2.09	10.7	2.13	10.9	2.17	11.2	2.24	11.6	2.30
	10	12.9	2.55	13.6	2.69	14.1	2.77	14.3	2.83	14.6	2.89	15.1	2.97	15.5	3.06
	12	12.7	2.65	13.4	2.80	13.8	2.89	14.1	2.95	14.3	3.01	14.8	3.09	15.2	3.18
	14	12.4	2.76	13.1	2.92	13.5	3.01	13.8	3.07	14.1	3.13	14.5	3.22	14.9	3.32
	16	12.2	2.88	12.8	3.04	13.2	3.13	13.5	3.20	13.8	3.26	14.2	3.36	14.6	3.45
	18	14.1	3.23	14.9	3.40	15.4	3.51	15.7	3.58	16.0	3.66	16.5	3.76	17.0	3.87
	20	13.9	3.26	14.6	3.44	15.1	3.55	15.4	3.62	15.7	3.69	16.2	3.80	16.6	3.91
	21	13.6	3.29	14.3	3.47	14.8	3.58	15.1	3.66	15.4	3.73	15.8	3.84	16.3	3.95
	23	13.3	3.32	14.1	3.51	14.5	3.62	14.8	3.69	15.1	3.77	15.5	3.88	16.0	3.99
	25	13.1	3.36	13.8	3.54	14.2	3.66	14.5	3.73	14.8	3.81	15.2	3.92	15.7	4.03
	27	16.1	4.19	16.9	4.42	17.5	4.56	17.8	4.65	18.2	4.75	18.7	4.89	19.3	5.03
	29	15.7	4.23	16.6	4.47	17.1	4.61	17.5	4.70	17.8	4.80	18.4	4.94	18.9	5.08
	31	15.4	4.27	16.3	4.51	16.8	4.65	17.1	4.75	17.5	4.84	18.0	4.99	18.5	5.13
	33	15.1	4.32	16.0	4.56	16.5	4.70	16.8	4.80	17.1	4.89	17.7	5.04	18.2	5.18
	35	14.8	4.36	15.7	4.60	16.2	4.75	16.5	4.85	16.8	4.94	17.3	5.09	17.8	5.23
	37	14.5	4.38	15.3	4.63	15.8	4.77	16.2	4.87	16.5	4.97	17.0	5.11	17.4	5.26
	39	13.8	4.29	14.6	4.53	15.0	4.68	15.3	4.77	15.6	4.87	16.1	5.01	16.6	5.15
	41	13.1	4.21	13.8	4.44	14.3	4.58	14.6	4.68	14.9	4.77	15.3	4.91	15.7	5.05
	43	12.5	4.12	13.2	4.35	13.6	4.49	13.8	4.58	14.1	4.67	14.5	4.81	15.0	4.95
	45	11.8	4.00	12.5	4.22	12.9	4.36	13.2	4.45	13.4	4.53	13.8	4.67	14.2	4.80
	48	11.2	3.80	11.9	4.01	12.2	4.14	12.5	4.22	12.7	4.31	13.1	4.43	13.5	4.56
	50	10.7	3.50	11.3	3.69	11.6	3.81	11.9	3.89	12.1	3.96	12.5	4.08	12.8	4.20
	52	10.2	3.22	10.7	3.40	11.1	3.50	11.3	3.57	11.5	3.65	11.8	3.75	12.2	3.86
	55	9.6	2.96	10.2	3.12	10.5	3.22	10.7	3.29	10.9	3.35	11.3	3.45	11.6	3.55
100%	-5	10.5	1.77	11.1	1.87	11.5	1.93	11.7	1.97	11.9	2.01	12.3	2.07	12.6	2.13
	-2	10.3	1.79	10.9	1.89	11.3	1.95	11.5	1.99	11.7	2.03	12.1	2.09	12.4	2.15
	0	10.1	1.81	10.7	1.91	11.0	1.97	11.3	2.01	11.5	2.05	11.8	2.11	12.2	2.17
	2	9.9	1.83	10.5	1.93	10.8	1.99	11.0	2.03	11.3	2.07	11.6	2.13	11.9	2.19
	4	9.7	1.84	10.3	1.95	10.6	2.01	10.8	2.05	11.0	2.09	11.4	2.15	11.7	2.21
	6	9.5	1.86	10.1	1.97	10.4	2.03	10.6	2.07	10.8	2.11	11.1	2.17	11.5	2.23
	8	9.4	1.88	9.9	1.99	10.2	2.05	10.4	2.09	10.6	2.13	10.9	2.19	11.2	2.26
	10	12.5	2.50	13.2	2.63	13.6	2.72	13.9	2.77	14.2	2.83	14.6	2.91	15.0	3.00
	12	12.3	2.60	13.0	2.74	13.4	2.83	13.7	2.89	13.9	2.95	14.3	3.03	14.7	3.12
	14	12.0	2.71	12.7	2.86	13.1	2.95	13.4	3.01	13.7	3.07	14.1	3.16	14.5	3.25
	16	11.8	2.82	12.5	2.98	12.9	3.07	13.1	3.14	13.4	3.20	13.8	3.29	14.2	3.39
	18	13.7	3.16	14.5	3.34	14.9	3.44	15.2	3.51	15.5	3.58	16.0	3.69	16.5	3.79
	20	13.4	3.19	14.2	3.37	14.6	3.48	14.9	3.55	15.2	3.62	15.7	3.73	16.1	3.83
	21	13.2	3.23	13.9	3.41	14.4	3.51	14.6	3.58	14.9	3.66	15.4	3.76	15.8	3.87
	23	12.9	3.26	13.6	3.44	14.1	3.55	14.4	3.62	14.6	3.69	15.1	3.80	15.5	3.91
	25	12.7	3.29	13.4	3.47	13.8	3.58	14.1	3.66	14.4	3.73	14.8	3.84	15.2	3.95
	27	15.6	4.11	16.5	4.33	17.0	4.47	17.3	4.56	17.7	4.65	18.2	4.79	18.7	4.93
	29	15.3	4.15	16.1	4.38	16.6	4.52	17.0	4.61	17.3	4.70	17.8	4.84	18.3	4.98
	31	15.0	4.19	15.8	4.42	16.3	4.56	16.6	4.66	17.0	4.75	17.5	4.89	18.0	5.03
	33	14.7	4.23	15.5	4.47	16.0	4.61	16.3	4.70	16.6	4.80	17.1	4.94	17.6	5.08
	35	14.4	4.28	15.2	4.51	15.7	4.66	16.0	4.75	16.3	4.85	16.8	4.99	17.3	5.13
	37	14.1	4.30	14.9	4.54	15.4	4.68	15.7	4.83	16.0	4.87	16.5	5.01	16.9	5.16
	39	13.4	4.21	14.2	4.44	14.6	4.58	15.4	4.90	15.2	4.77	15.6	4.91	16.1	5.05
	41	12.7	4.13	13.4	4.36	13.9	4.49	15.1	4.98	14.4	4.68	14.9	4.81	15.3	4.95
	43	12.1	4.04	12.8	4.27	13.2	4.40	14.8	5.06	13.7	4.58	14.1	4.72	14.5	4.85
	45	11.5	3.92	12.1	4.14	12.5	4.27	14.5	5.14	13.0	4.45	13.4	4.58	13.8	4.71
	48	10.9	3.73	11.5	3.93	11.9	4.06	14.2	5.22	12.4	4.22	12.7	4.35	13.1	4.47
	50	10.4	3.43	10.9	3.62	11.3	3.73	13.9	5.31	11.8	3.89	12.1	4.00	12.4	4.11
	52	9.9	3.15	10.4	3.33	10.7	3.43	13.6	5.39	11.2	3.57	11.5	3.68	11.8	3.78
	55	9.4	2.90	9.9	3.06	10.2	3.16	13.3	5.48	10.6	3.29	10.9	3.39	11.2	3.48

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
90%	-5	10.0	1.66	10.6	1.76	10.9	1.81	11.1	1.85	11.3	1.89	11.7	1.94	12.0	2.00
	-2	9.8	1.68	10.4	1.77	10.7	1.83	10.9	1.87	11.1	1.91	11.5	1.96	11.8	2.02
	0	9.6	1.70	10.2	1.79	10.5	1.85	10.7	1.89	10.9	1.92	11.2	1.98	11.5	2.04
	2	9.4	1.72	10.0	1.81	10.3	1.87	10.5	1.91	10.7	1.94	11.0	2.00	11.3	2.06
	4	9.3	1.73	9.8	1.83	10.1	1.89	10.3	1.93	10.5	1.96	10.8	2.02	11.1	2.08
	6	9.1	1.75	9.6	1.85	9.9	1.91	10.1	1.94	10.3	1.98	10.6	2.04	10.9	2.10
	8	8.9	1.77	9.4	1.87	9.7	1.93	9.9	1.96	10.1	2.00	10.4	2.06	10.7	2.12
	10	11.9	2.35	12.6	2.48	13.0	2.56	13.2	2.61	13.5	2.66	13.9	2.74	14.3	2.82
	12	11.7	2.44	12.3	2.58	12.7	2.66	13.0	2.72	13.2	2.77	13.6	2.85	14.0	2.93
	14	11.4	2.55	12.1	2.69	12.5	2.77	12.7	2.83	13.0	2.89	13.3	2.97	13.7	3.06
	16	11.2	2.65	11.8	2.80	12.2	2.89	12.5	2.95	12.7	3.01	13.1	3.09	13.5	3.18
	18	13.0	2.97	13.8	3.14	14.2	3.24	14.5	3.30	14.8	3.37	15.2	3.47	15.6	3.57
	20	12.8	3.00	13.5	3.17	13.9	3.27	14.2	3.34	14.5	3.40	14.9	3.50	15.3	3.60
	21	12.5	3.03	13.2	3.20	13.6	3.30	13.9	3.37	14.2	3.44	14.6	3.54	15.0	3.64
	23	12.3	3.06	13.0	3.23	13.4	3.34	13.6	3.40	13.9	3.47	14.3	3.57	14.7	3.68
	25	12.0	3.09	12.7	3.27	13.1	3.37	13.4	3.44	13.6	3.51	14.0	3.61	14.4	3.71
	27	14.8	3.86	15.6	4.07	16.1	4.20	16.5	4.29	16.8	4.37	17.3	4.50	17.8	4.63
	29	14.5	3.90	15.3	4.12	15.8	4.25	16.1	4.33	16.5	4.42	16.9	4.55	17.4	4.68
	31	14.2	3.94	15.0	4.16	15.5	4.29	15.8	4.38	16.1	4.46	16.6	4.59	17.1	4.73
	33	14.0	3.98	14.7	4.20	15.2	4.33	15.5	4.42	15.8	4.51	16.3	4.64	16.7	4.77
	35	13.7	4.02	14.4	4.24	14.9	4.38	15.2	4.47	15.5	4.55	16.0	4.69	16.4	4.82
	37	13.4	4.04	14.2	4.26	14.6	4.40	14.9	4.49	15.2	4.58	15.6	4.71	16.1	4.85
	39	12.7	3.96	13.4	4.18	13.9	4.31	14.2	4.40	14.4	4.49	14.9	4.62	15.3	4.75
	41	12.1	3.88	12.8	4.09	13.2	4.22	13.4	4.31	13.7	4.40	14.1	4.53	14.5	4.65
	43	11.5	3.80	12.1	4.01	12.5	4.14	12.8	4.22	13.0	4.31	13.4	4.43	13.8	4.56
	45	10.9	3.69	11.5	3.89	11.9	4.01	12.1	4.10	12.4	4.18	12.7	4.30	13.1	4.42
	48	10.4	3.50	10.9	3.70	11.3	3.81	11.5	3.89	11.8	3.97	12.1	4.09	12.4	4.20
	50	9.9	3.22	10.4	3.40	10.7	3.51	10.9	3.58	11.2	3.65	11.5	3.76	11.8	3.87
	52	9.4	2.96	9.9	3.13	10.2	3.23	10.4	3.29	10.6	3.36	10.9	3.46	11.2	3.56
	55	8.9	2.73	9.4	2.88	9.7	2.97	9.9	3.03	10.1	3.09	10.4	3.18	10.7	3.27
80%	-5	9.1	1.51	9.6	1.59	9.9	1.64	10.1	1.67	10.3	1.71	10.6	1.76	10.9	1.81
	-2	8.9	1.52	9.4	1.60	9.7	1.66	9.9	1.69	10.1	1.72	10.4	1.77	10.7	1.82
	0	8.7	1.54	9.2	1.62	9.5	1.67	9.7	1.71	9.9	1.74	10.2	1.79	10.5	1.84
	2	8.5	1.55	9.0	1.64	9.3	1.69	9.5	1.72	9.7	1.76	10.0	1.81	10.3	1.86
	4	8.4	1.57	8.8	1.65	9.1	1.71	9.3	1.74	9.5	1.78	9.8	1.83	10.0	1.88
	6	8.2	1.58	8.7	1.67	8.9	1.72	9.1	1.76	9.3	1.79	9.6	1.85	9.9	1.90
	8	8.0	1.60	8.5	1.69	8.8	1.74	8.9	1.78	9.1	1.81	9.4	1.87	9.7	1.92
	10	10.8	2.12	11.4	2.24	11.7	2.31	12.0	2.36	12.2	2.40	12.6	2.48	12.9	2.55
	12	10.6	2.21	11.2	2.33	11.5	2.41	11.7	2.46	12.0	2.50	12.3	2.58	12.7	2.65
	14	10.4	2.30	10.9	2.43	11.3	2.51	11.5	2.56	11.7	2.61	12.1	2.69	12.4	2.76
	16	10.2	2.40	10.7	2.53	11.1	2.61	11.3	2.66	11.5	2.72	11.8	2.80	12.2	2.88
	18	11.8	2.69	12.5	2.84	12.8	2.93	13.1	2.99	13.4	3.05	13.8	3.14	14.2	3.23
	20	11.6	2.71	12.2	2.87	12.6	2.96	12.8	3.02	13.1	3.08	13.5	3.17	13.9	3.26
	21	11.3	2.74	12.0	2.89	12.3	2.99	12.6	3.05	12.8	3.11	13.2	3.20	13.6	3.29
	23	11.1	2.77	11.7	2.92	12.1	3.02	12.4	3.08	12.6	3.14	13.0	3.23	13.3	3.32
	25	10.9	2.80	11.5	2.95	11.9	3.05	12.1	3.11	12.4	3.17	12.7	3.26	13.1	3.36
	27	13.4	3.49	14.1	3.68	14.6	3.80	14.9	3.88	15.2	3.96	15.6	4.07	16.1	4.19
	29	13.1	3.53	13.9	3.72	14.3	3.84	14.6	3.92	14.9	4.00	15.3	4.11	15.8	4.23
	31	12.9	3.56	13.6	3.76	14.0	3.88	14.3	3.96	14.6	4.04	15.0	4.16	15.5	4.27
	33	12.6	3.60	13.3	3.80	13.8	3.92	14.0	4.00	14.3	4.08	14.7	4.20	15.2	4.32
	35	12.4	3.63	13.1	3.84	13.5	3.96	13.8	4.04	14.0	4.12	14.4	4.24	14.9	4.36
	37	12.1	3.65	12.8	3.85	13.2	3.98	13.5	4.06	13.8	4.14	14.2	4.26	14.6	4.38
	39	11.5	3.58	12.2	3.78	12.6	3.90	12.8	3.98	13.1	4.06	13.5	4.18	13.8	4.29
	41	11.0	3.51	11.6	3.70	11.9	3.82	12.2	3.90	12.4	3.97	12.8	4.09	13.1	4.21
	43	10.4	3.44	11.0	3.63	11.3	3.74	11.6	3.82	11.8	3.90	12.1	4.01	12.5	4.12
	45	9.9	3.33	10.4	3.52	10.8	3.63	11.0	3.70	11.2	3.78	11.5	3.89	11.9	4.00
	48	9.4	3.17	9.9	3.34	10.2	3.45	10.4	3.52	10.6	3.59	11.0	3.70	11.3	3.80
	50	8.9	2.91	9.4	3.08	9.7	3.17	9.9	3.24	10.1	3.30	10.4	3.40	10.7	3.50
	52	8.5	2.68	8.9	2.83	9.2	2.92	9.4	2.98	9.6	3.04	9.9	3.13	10.2	3.22
	55	8.1	2.47	8.5	2.60	8.8	2.69	8.9	2.74	9.1	2.80	9.4	2.88	9.7	2.96

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-5	8.1	1.35	8.6	1.42	8.8	1.47	9.0	1.50	9.2	1.53	9.5	1.57	9.7	1.62
	-2	8.0	1.36	8.4	1.44	8.7	1.48	8.8	1.51	9.0	1.54	9.3	1.59	9.5	1.63
	0	7.8	1.37	8.2	1.45	8.5	1.50	8.7	1.53	8.8	1.56	9.1	1.60	9.4	1.65
	2	7.6	1.39	8.1	1.46	8.3	1.51	8.5	1.54	8.7	1.57	8.9	1.62	9.2	1.66
	4	7.5	1.40	7.9	1.48	8.2	1.53	8.3	1.56	8.5	1.59	8.7	1.63	9.0	1.68
	6	7.4	1.42	7.8	1.49	8.0	1.54	8.2	1.57	8.3	1.60	8.6	1.65	8.8	1.70
	8	7.2	1.43	7.6	1.51	7.8	1.56	8.0	1.59	8.2	1.62	8.4	1.67	8.6	1.72
	10	9.6	1.90	10.2	2.00	10.5	2.07	10.7	2.11	10.9	2.15	11.3	2.21	11.6	2.28
	12	9.5	1.98	10.0	2.09	10.3	2.15	10.5	2.20	10.7	2.24	11.0	2.31	11.4	2.37
	14	9.3	2.06	9.8	2.17	10.1	2.24	10.3	2.29	10.5	2.33	10.8	2.40	11.1	2.47
	16	9.1	2.14	9.6	2.26	9.9	2.33	10.1	2.38	10.3	2.43	10.6	2.50	10.9	2.57
	18	10.6	2.40	11.1	2.54	11.5	2.62	11.7	2.67	12.0	2.72	12.3	2.80	12.7	2.88
	20	10.4	2.43	10.9	2.56	11.3	2.64	11.5	2.70	11.7	2.75	12.1	2.83	12.4	2.91
	21	10.2	2.45	10.7	2.59	11.1	2.67	11.3	2.72	11.5	2.78	11.8	2.86	12.2	2.94
	23	10.0	2.48	10.5	2.61	10.8	2.70	11.1	2.75	11.3	2.81	11.6	2.89	11.9	2.97
	25	9.8	2.50	10.3	2.64	10.6	2.72	10.8	2.78	11.1	2.84	11.4	2.92	11.7	3.00
	27	12.0	3.12	12.7	3.29	13.1	3.40	13.3	3.47	13.6	3.54	14.0	3.64	14.4	3.75
	29	11.8	3.15	12.4	3.33	12.8	3.43	13.1	3.50	13.3	3.57	13.7	3.68	14.1	3.78
	31	11.5	3.18	12.2	3.36	12.6	3.47	12.8	3.54	13.1	3.61	13.5	3.72	13.8	3.82
	33	11.3	3.22	11.9	3.40	12.3	3.50	12.6	3.57	12.8	3.65	13.2	3.75	13.6	3.86
	35	11.1	3.25	11.7	3.43	12.1	3.54	12.3	3.61	12.6	3.68	12.9	3.79	13.3	3.90
	37	10.9	3.27	11.5	3.45	11.8	3.56	12.1	3.63	12.3	3.70	12.7	3.81	13.0	3.92
	39	10.6	3.28	11.2	3.46	11.6	3.57	11.8	3.65	12.1	3.72	12.4	3.83	12.8	3.94
	41	10.4	3.30	11.0	3.48	11.4	3.59	11.6	3.66	11.8	3.74	12.2	3.85	12.5	3.96
	43	10.2	3.31	10.8	3.50	11.1	3.61	11.4	3.68	11.6	3.76	11.9	3.87	12.3	3.98
	45	10.0	3.33	10.6	3.52	10.9	3.63	11.1	3.70	11.4	3.78	11.7	3.89	12.0	4.00
	48	9.8	3.35	10.4	3.53	10.7	3.65	10.9	3.72	11.1	3.79	11.5	3.91	11.8	4.02
	50	9.6	3.36	10.2	3.55	10.5	3.66	10.7	3.74	10.9	3.81	11.2	3.93	11.6	4.04
	52	9.4	3.38	10.0	3.57	10.3	3.68	10.5	3.76	10.7	3.83	11.0	3.94	11.3	4.06
	55	9.2	3.40	9.8	3.59	10.1	3.70	10.3	3.78	10.5	3.85	10.8	3.96	11.1	4.08
60%	-5	7.2	1.19	7.6	1.25	7.8	1.29	8.0	1.32	8.1	1.34	8.4	1.38	8.6	1.42
	-2	7.0	1.20	7.4	1.27	7.7	1.31	7.8	1.33	8.0	1.36	8.2	1.40	8.4	1.44
	0	6.9	1.21	7.3	1.28	7.5	1.32	7.7	1.35	7.8	1.37	8.0	1.41	8.3	1.45
	2	6.8	1.22	7.1	1.29	7.4	1.33	7.5	1.36	7.7	1.39	7.9	1.43	8.1	1.47
	4	6.6	1.24	7.0	1.30	7.2	1.34	7.4	1.37	7.5	1.40	7.7	1.44	7.9	1.48
	6	6.5	1.25	6.9	1.32	7.1	1.36	7.2	1.39	7.4	1.41	7.6	1.46	7.8	1.50
	8	6.4	1.26	6.7	1.33	6.9	1.37	7.1	1.40	7.2	1.43	7.4	1.47	7.6	1.51
	10	8.5	1.67	9.0	1.77	9.3	1.82	9.5	1.86	9.7	1.90	9.9	1.95	10.2	2.01
	12	8.4	1.74	8.8	1.84	9.1	1.90	9.3	1.94	9.5	1.97	9.7	2.03	10.0	2.09
	14	8.2	1.81	8.6	1.92	8.9	1.98	9.1	2.02	9.3	2.06	9.6	2.12	9.8	2.18
	16	8.0	1.89	8.5	2.00	8.7	2.06	8.9	2.10	9.1	2.14	9.4	2.21	9.6	2.27
	18	9.3	2.12	9.8	2.24	10.2	2.31	10.4	2.35	10.6	2.40	10.9	2.47	11.2	2.54
	20	9.1	2.14	9.7	2.26	10.0	2.33	10.2	2.38	10.4	2.43	10.7	2.50	11.0	2.57
	21	9.0	2.16	9.5	2.28	9.8	2.35	10.0	2.40	10.2	2.45	10.5	2.52	10.8	2.59
	23	8.8	2.18	9.3	2.30	9.6	2.38	9.8	2.43	10.0	2.47	10.3	2.55	10.5	2.62
	25	8.6	2.21	9.1	2.33	9.4	2.40	9.6	2.45	9.8	2.50	10.1	2.57	10.3	2.65
	27	10.6	2.75	11.2	2.90	11.5	3.00	11.8	3.06	12.0	3.12	12.4	3.21	12.7	3.30
	29	10.4	2.78	11.0	2.93	11.3	3.03	11.5	3.09	11.8	3.15	12.1	3.24	12.5	3.34
	31	10.2	2.81	10.8	2.96	11.1	3.06	11.3	3.12	11.5	3.18	11.9	3.28	12.2	3.37
	33	10.0	2.84	10.5	2.99	10.9	3.09	11.1	3.15	11.3	3.21	11.7	3.31	12.0	3.40
	35	9.8	2.86	10.3	3.02	10.7	3.12	10.9	3.18	11.1	3.25	11.4	3.34	11.8	3.44
	37	9.6	2.88	10.1	3.04	10.4	3.13	10.7	3.20	10.9	3.26	11.2	3.36	11.5	3.45
	39	9.4	2.89	9.9	3.05	10.2	3.15	10.4	3.21	10.7	3.28	11.0	3.38	11.3	3.47
	41	9.2	2.91	9.7	3.07	10.0	3.17	10.2	3.23	10.4	3.30	10.8	3.39	11.1	3.49
	43	9.0	2.92	9.5	3.08	9.8	3.18	10.0	3.25	10.2	3.31	10.5	3.41	10.8	3.51
	45	8.9	2.94	9.3	3.10	9.6	3.20	9.8	3.26	10.0	3.33	10.3	3.43	10.6	3.52
	48	8.7	2.95	9.2	3.12	9.4	3.21	9.6	3.28	9.8	3.34	10.1	3.44	10.4	3.54
	50	8.5	2.97	9.0	3.13	9.3	3.23	9.4	3.30	9.6	3.36	9.9	3.46	10.2	3.56
	52	8.3	2.98	8.8	3.15	9.1	3.25	9.3	3.31	9.4	3.38	9.7	3.48	10.0	3.58
	55	8.2	3.00	8.6	3.16	8.9	3.26	9.1	3.33	9.3	3.40	9.5	3.50	9.8	3.59

Combination (%) (Capacity index)	Outdoor Air temperature (° C DB)	Indoor temperature (° C DB/WB)													
		DB: 20.8, WB: 14		DB: 23.3, WB: 16		DB: 25.8, WB: 18		DB: 27, WB: 19		DB: 28.2, WB: 20		DB: 30.7, WB: 22		DB: 32, WB: 24	
		TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
50%	-5	6.2	1.03	6.6	1.08	6.8	1.12	6.9	1.14	7.0	1.16	7.3	1.20	7.5	1.23
	-2	6.1	1.04	6.4	1.10	6.6	1.13	6.8	1.15	6.9	1.18	7.1	1.21	7.3	1.25
	0	6.0	1.05	6.3	1.11	6.5	1.14	6.6	1.16	6.8	1.19	7.0	1.22	7.2	1.26
	2	5.9	1.06	6.2	1.12	6.4	1.15	6.5	1.18	6.6	1.20	6.8	1.24	7.0	1.27
	4	5.7	1.07	6.1	1.13	6.3	1.16	6.4	1.19	6.5	1.21	6.7	1.25	6.9	1.28
	6	5.6	1.08	5.9	1.14	6.1	1.18	6.3	1.20	6.4	1.22	6.6	1.26	6.8	1.30
	8	5.5	1.09	5.8	1.15	6.0	1.19	6.1	1.21	6.3	1.24	6.4	1.27	6.6	1.31
	10	7.4	1.45	7.8	1.53	8.1	1.58	8.2	1.61	8.4	1.64	8.6	1.69	8.9	1.74
	12	7.2	1.51	7.7	1.59	7.9	1.64	8.1	1.68	8.2	1.71	8.5	1.76	8.7	1.81
	14	7.1	1.57	7.5	1.66	7.7	1.71	7.9	1.75	8.1	1.78	8.3	1.83	8.5	1.89
	16	7.0	1.64	7.4	1.73	7.6	1.78	7.7	1.82	7.9	1.85	8.1	1.91	8.4	1.96
	18	8.1	1.83	8.5	1.94	8.8	2.00	9.0	2.04	9.2	2.08	9.4	2.14	9.7	2.20
	20	7.9	1.85	8.4	1.96	8.6	2.02	8.8	2.06	9.0	2.10	9.3	2.16	9.5	2.22
	21	7.8	1.87	8.2	1.98	8.5	2.04	8.6	2.08	8.8	2.12	9.1	2.18	9.3	2.25
	23	7.6	1.89	8.0	2.00	8.3	2.06	8.5	2.10	8.6	2.14	8.9	2.21	9.2	2.27
	25	7.5	1.91	7.9	2.02	8.1	2.08	8.3	2.12	8.5	2.16	8.7	2.23	9.0	2.29
	27	9.2	2.38	9.7	2.51	10.0	2.59	10.2	2.65	10.4	2.70	10.7	2.78	11.0	2.86
	29	9.0	2.41	9.5	2.54	9.8	2.62	10.0	2.67	10.2	2.73	10.5	2.81	10.8	2.89
	31	8.8	2.43	9.3	2.57	9.6	2.65	9.8	2.70	10.0	2.75	10.3	2.84	10.6	2.92
	33	8.7	2.45	9.1	2.59	9.4	2.67	9.6	2.73	9.8	2.78	10.1	2.86	10.4	2.95
	35	8.5	2.48	9.0	2.62	9.3	2.70	9.4	2.76	9.6	2.81	9.9	2.89	10.2	2.98
	37	8.3	2.49	8.8	2.63	9.1	2.71	9.3	2.77	9.4	2.82	9.7	2.91	10.0	2.99
	39	8.2	2.50	8.6	2.64	8.9	2.73	9.1	2.78	9.2	2.84	9.5	2.92	9.8	3.01
	41	8.0	2.52	8.4	2.66	8.7	2.74	8.9	2.80	9.1	2.85	9.3	2.94	9.6	3.02
	43	7.8	2.53	8.3	2.67	8.5	2.75	8.7	2.81	8.9	2.87	9.1	2.95	9.4	3.04
	45	7.7	2.54	8.1	2.68	8.4	2.77	8.5	2.82	8.7	2.88	9.0	2.97	9.2	3.05
	48	7.5	2.55	7.9	2.70	8.2	2.78	8.4	2.84	8.5	2.90	8.8	2.98	9.0	3.07
	50	7.4	2.57	7.8	2.71	8.0	2.80	8.2	2.85	8.4	2.91	8.6	3.00	8.9	3.08
	52	7.2	2.58	7.6	2.72	7.9	2.81	8.0	2.87	8.2	2.92	8.4	3.01	8.7	3.10
	55	7.1	2.59	7.5	2.74	7.7	2.82	7.9	2.88	8.0	2.94	8.3	3.03	8.5	3.11

Note:

1. is tested under our standard condition.
2. In cooling mode, avoid running the unit when the outdoor air temperature is above 46 degrees.
3. The above table shows the average value of conditions may operate.

7.2 Heating

CHV-DH080W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15.0	-16.5	6.4	2.34	6.3	2.37	6.1	2.39	6.0	2.44	5.9	2.49	5.6	2.61
	-13.7	-15.0	6.6	2.37	6.5	2.39	6.3	2.41	6.2	2.46	6.1	2.51	5.8	2.64
	-11.8	-13.0	6.8	2.39	6.7	2.41	6.5	2.44	6.4	2.49	6.3	2.54	6.0	2.66
	-9.8	-11.0	7.0	2.41	6.9	2.44	6.7	2.46	6.6	2.51	6.5	2.56	6.1	2.69
	-9.5	-10.0	7.2	2.44	7.1	2.46	6.9	2.49	6.8	2.54	6.7	2.59	6.3	2.72
	-8.5	-9.1	7.4	2.46	7.3	2.49	7.2	2.51	7.0	2.56	6.9	2.62	6.5	2.75
	-7.0	-7.6	7.7	2.49	7.5	2.51	7.4	2.54	7.2	2.59	7.1	2.64	6.7	2.77
	-5.0	-5.6	7.9	2.51	7.8	2.54	7.6	2.57	7.5	2.62	7.3	2.67	6.9	2.80
	-3.0	-3.7	8.2	2.54	8.0	2.57	7.8	2.59	7.7	2.64	7.5	2.70	7.2	2.83
	0.0	-0.7	8.6	2.59	8.4	2.62	8.3	2.64	8.1	2.70	7.9	2.75	7.5	2.89
	3.0	2.2	9.0	2.64	8.9	2.67	8.7	2.70	8.5	2.75	8.3	2.81	7.9	2.95
	5.0	4.1	9.5	2.70	9.3	2.73	9.1	2.75	9.0	2.81	8.8	2.86	8.3	3.01
	7.0	6.0	10.0	2.75	9.8	2.78	9.6	2.81	9.4	2.87	9.2	2.92	8.8	3.07
	9.0	7.9	10.2	2.78	10.0	2.81	9.8	2.84	9.6	2.89	9.4	2.95	9.0	3.10
	11.0	9.8	10.4	2.81	10.2	2.84	10.0	2.87	9.8	2.92	9.6	2.98	9.1	3.13
	13.0	11.8	10.6	2.84	10.4	2.87	10.2	2.89	10.0	2.95	9.8	3.01	9.3	3.16
120%	15.0	13.7	10.8	2.86	10.6	2.89	10.4	2.92	10.2	2.98	10.0	3.04	9.5	3.19
	-15.0	-16.5	6.3	2.30	6.2	2.32	6.0	2.35	5.9	2.39	5.8	2.44	5.5	2.56
	-13.7	-15.0	6.5	2.32	6.3	2.35	6.2	2.37	6.1	2.42	6.0	2.47	5.7	2.59
	-11.8	-13.0	6.7	2.35	6.5	2.37	6.4	2.39	6.3	2.44	6.2	2.49	5.8	2.61
	-9.8	-11.0	6.9	2.37	6.7	2.39	6.6	2.42	6.5	2.47	6.3	2.52	6.0	2.64
	-9.5	-10.0	7.1	2.39	7.0	2.42	6.8	2.44	6.7	2.49	6.5	2.54	6.2	2.67
	-8.5	-9.1	7.3	2.42	7.2	2.44	7.0	2.47	6.9	2.52	6.7	2.57	6.4	2.69
	-7.0	-7.6	7.5	2.44	7.4	2.47	7.2	2.49	7.1	2.54	7.0	2.59	6.6	2.72
	-5.0	-5.6	7.8	2.47	7.6	2.49	7.5	2.52	7.3	2.57	7.2	2.62	6.8	2.75
	-3.0	-3.7	8.0	2.49	7.9	2.52	7.7	2.54	7.5	2.59	7.4	2.64	7.0	2.78
	0.0	-0.7	8.4	2.54	8.3	2.57	8.1	2.59	7.9	2.65	7.8	2.70	7.4	2.83
	3.0	2.2	8.9	2.59	8.7	2.62	8.5	2.65	8.4	2.70	8.2	2.75	7.8	2.89
	5.0	4.1	9.3	2.65	9.2	2.67	9.0	2.70	8.8	2.75	8.6	2.81	8.2	2.95
	7.0	6.0	9.8	2.70	9.6	2.73	9.5	2.76	9.3	2.81	9.1	2.87	8.6	3.01
	9.0	7.9	10.0	2.73	9.8	2.76	9.6	2.78	9.4	2.84	9.3	2.90	8.8	3.04
	11.0	9.8	10.2	2.76	10.0	2.78	9.8	2.81	9.6	2.87	9.4	2.92	9.0	3.07
	13.0	11.8	10.4	2.78	10.2	2.81	10.0	2.84	9.8	2.90	9.6	2.95	9.1	3.10
110%	15.0	13.7	10.6	2.81	10.4	2.84	10.2	2.87	10.0	2.93	9.8	2.98	9.3	3.13
	-15.0	-16.5	6.2	2.25	6.0	2.28	5.9	2.30	5.8	2.35	5.7	2.39	5.4	2.51
	-13.7	-15.0	6.3	2.28	6.2	2.30	6.1	2.32	6.0	2.37	5.9	2.42	5.6	2.54
	-11.8	-13.0	6.5	2.30	6.4	2.32	6.3	2.35	6.2	2.39	6.0	2.44	5.7	2.56
	-9.8	-11.0	6.7	2.32	6.6	2.35	6.5	2.37	6.4	2.42	6.2	2.47	5.9	2.59
	-9.5	-10.0	7.0	2.35	6.8	2.37	6.7	2.39	6.6	2.44	6.4	2.49	6.1	2.62
	-8.5	-9.1	7.2	2.37	7.0	2.39	6.9	2.42	6.8	2.47	6.6	2.52	6.3	2.64
	-7.0	-7.6	7.4	2.39	7.2	2.42	7.1	2.44	7.0	2.49	6.8	2.54	6.5	2.67
	-5.0	-5.6	7.6	2.42	7.5	2.44	7.3	2.47	7.2	2.52	7.0	2.57	6.7	2.70
	-3.0	-3.7	7.9	2.44	7.7	2.47	7.6	2.49	7.4	2.54	7.3	2.59	6.9	2.72
	0.0	-0.7	8.3	2.49	8.1	2.52	7.9	2.54	7.8	2.59	7.6	2.65	7.3	2.78
	3.0	2.2	8.7	2.54	8.5	2.57	8.4	2.60	8.2	2.65	8.0	2.70	7.6	2.84
	5.0	4.1	9.2	2.60	9.0	2.62	8.8	2.65	8.6	2.70	8.5	2.76	8.0	2.89
	7.0	6.0	9.6	2.65	9.5	2.68	9.3	2.70	9.1	2.76	8.9	2.81	8.5	2.95
	9.0	7.9	9.8	2.68	9.6	2.70	9.5	2.73	9.3	2.78	9.1	2.84	8.6	2.98
	11.0	9.8	10.0	2.70	9.8	2.73	9.6	2.76	9.5	2.81	9.3	2.87	8.8	3.01
	13.0	11.8	10.2	2.73	10.0	2.76	9.8	2.78	9.6	2.84	9.4	2.90	9.0	3.04
	15.0	13.7	10.4	2.76	10.2	2.78	10.0	2.81	9.8	2.87	9.6	2.93	9.2	3.07

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	6.0	2.21	5.9	2.23	5.7	2.26	5.6	2.30	5.5	2.35	5.2	2.46
	-13.7	-15.0	6.2	2.23	6.0	2.26	5.9	2.28	5.8	2.32	5.7	2.37	5.4	2.49
	-11.8	-13.0	6.4	2.26	6.2	2.28	6.1	2.30	6.0	2.35	5.9	2.39	5.6	2.51
	-9.8	-11.0	6.5	2.28	6.4	2.30	6.3	2.32	6.2	2.37	6.0	2.42	5.7	2.54
	-9.5	-10.0	6.8	2.30	6.6	2.32	6.5	2.35	6.4	2.39	6.2	2.44	5.9	2.56
	-8.5	-9.1	7.0	2.32	6.8	2.35	6.7	2.37	6.6	2.42	6.4	2.47	6.1	2.59
	-7.0	-7.6	7.2	2.35	7.0	2.37	6.9	2.40	6.8	2.44	6.6	2.49	6.3	2.62
	-5.0	-5.6	7.4	2.37	7.3	2.40	7.1	2.42	7.0	2.47	6.8	2.52	6.5	2.64
	-3.0	-3.7	7.6	2.40	7.5	2.42	7.3	2.44	7.2	2.49	7.0	2.54	6.7	2.67
	0.0	-0.7	8.0	2.44	7.9	2.47	7.7	2.49	7.6	2.54	7.4	2.59	7.0	2.72
	3.0	2.2	8.5	2.49	8.3	2.52	8.1	2.55	8.0	2.60	7.8	2.65	7.4	2.78
	5.0	4.1	8.9	2.55	8.7	2.57	8.6	2.60	8.4	2.65	8.2	2.70	7.8	2.84
	7.0	6.0	9.4	2.60	9.2	2.62	9.0	2.65	8.8	2.70	8.6	2.76	8.2	2.89
	9.0	7.9	9.6	2.62	9.4	2.65	9.2	2.68	9.0	2.73	8.8	2.78	8.4	2.92
	11.0	9.8	9.7	2.65	9.6	2.68	9.4	2.70	9.2	2.76	9.0	2.81	8.5	2.95
	13.0	11.8	9.9	2.68	9.7	2.70	9.6	2.73	9.4	2.78	9.2	2.84	8.7	2.98
	15.0	13.7	10.1	2.70	9.9	2.73	9.7	2.76	9.5	2.81	9.4	2.87	8.9	3.01
90%	-15.0	-16.5	5.4	1.99	5.3	2.01	5.2	2.03	5.1	2.07	5.0	2.11	4.8	2.22
	-13.7	-15.0	5.6	2.01	5.5	2.03	5.4	2.05	5.3	2.09	5.2	2.13	4.9	2.24
	-11.8	-13.0	5.8	2.03	5.7	2.05	5.6	2.07	5.4	2.11	5.3	2.15	5.1	2.26
	-9.8	-11.0	6.0	2.05	5.8	2.07	5.7	2.09	5.6	2.13	5.5	2.18	5.2	2.29
	-9.5	-10.0	6.1	2.07	6.0	2.09	5.9	2.11	5.8	2.16	5.7	2.20	5.4	2.31
	-8.5	-9.1	6.3	2.09	6.2	2.11	6.1	2.13	6.0	2.18	5.8	2.22	5.6	2.33
	-7.0	-7.6	6.5	2.11	6.4	2.13	6.3	2.16	6.2	2.20	6.0	2.24	5.7	2.36
	-5.0	-5.6	6.7	2.13	6.6	2.16	6.5	2.18	6.3	2.22	6.2	2.27	5.9	2.38
	-3.0	-3.7	6.9	2.16	6.8	2.18	6.7	2.20	6.5	2.24	6.4	2.29	6.1	2.40
	0.0	-0.7	7.3	2.20	7.2	2.22	7.0	2.24	6.9	2.29	6.7	2.34	6.4	2.45
	3.0	2.2	7.7	2.24	7.5	2.27	7.4	2.29	7.2	2.34	7.1	2.38	6.7	2.50
	5.0	4.1	8.1	2.29	7.9	2.31	7.8	2.34	7.6	2.38	7.5	2.43	7.1	2.55
	7.0	6.0	8.5	2.34	8.4	2.36	8.2	2.39	8.0	2.43	7.9	2.48	7.5	2.61
	9.0	7.9	8.7	2.36	8.5	2.38	8.4	2.41	8.2	2.46	8.0	2.51	7.6	2.63
	11.0	9.8	8.9	2.38	8.7	2.41	8.5	2.43	8.4	2.48	8.2	2.53	7.8	2.66
	13.0	11.8	9.0	2.41	8.9	2.43	8.7	2.46	8.5	2.51	8.3	2.56	7.9	2.68
	15.0	13.7	9.2	2.43	9.0	2.46	8.9	2.48	8.7	2.53	8.5	2.58	8.1	2.71
80%	-15.0	-16.5	4.9	1.79	4.8	1.81	4.7	1.83	4.6	1.86	4.5	1.90	4.3	2.00
	-13.7	-15.0	5.1	1.81	5.0	1.83	4.9	1.85	4.8	1.88	4.7	1.92	4.4	2.02
	-11.8	-13.0	5.2	1.83	5.1	1.85	5.0	1.86	4.9	1.90	4.8	1.94	4.6	2.04
	-9.8	-11.0	5.4	1.85	5.3	1.86	5.2	1.88	5.1	1.92	5.0	1.96	4.7	2.06
	-9.5	-10.0	5.5	1.86	5.4	1.88	5.3	1.90	5.2	1.94	5.1	1.98	4.9	2.08
	-8.5	-9.1	5.7	1.88	5.6	1.90	5.5	1.92	5.4	1.96	5.3	2.00	5.0	2.10
	-7.0	-7.6	5.9	1.90	5.8	1.92	5.7	1.94	5.5	1.98	5.4	2.02	5.2	2.12
	-5.0	-5.6	6.1	1.92	5.9	1.94	5.8	1.96	5.7	2.00	5.6	2.04	5.3	2.14
	-3.0	-3.7	6.3	1.94	6.1	1.96	6.0	1.98	5.9	2.02	5.8	2.06	5.5	2.16
	0.0	-0.7	6.6	1.98	6.5	2.00	6.3	2.02	6.2	2.06	6.1	2.10	5.8	2.21
	3.0	2.2	6.9	2.02	6.8	2.04	6.7	2.06	6.5	2.10	6.4	2.14	6.1	2.25
	5.0	4.1	7.3	2.06	7.2	2.08	7.0	2.10	6.9	2.15	6.7	2.19	6.4	2.30
	7.0	6.0	7.7	2.10	7.5	2.13	7.4	2.15	7.2	2.19	7.1	2.23	6.7	2.34
	9.0	7.9	7.8	2.12	7.7	2.15	7.5	2.17	7.4	2.21	7.2	2.26	6.9	2.37
	11.0	9.8	8.0	2.15	7.8	2.17	7.7	2.19	7.5	2.23	7.4	2.28	7.0	2.39
	13.0	11.8	8.1	2.17	8.0	2.19	7.8	2.21	7.7	2.26	7.5	2.30	7.1	2.42
	15.0	13.7	8.3	2.19	8.1	2.21	8.0	2.23	7.8	2.28	7.7	2.32	7.3	2.44

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	4.4	1.59	4.3	1.61	4.2	1.62	4.1	1.66	4.0	1.69	3.8	1.77
	-13.7	-15.0	4.5	1.61	4.4	1.62	4.3	1.64	4.2	1.67	4.2	1.71	3.9	1.79
	-11.8	-13.0	4.6	1.62	4.5	1.64	4.5	1.66	4.4	1.69	4.3	1.72	4.1	1.81
	-9.8	-11.0	4.8	1.64	4.7	1.66	4.6	1.67	4.5	1.71	4.4	1.74	4.2	1.83
	-9.5	-10.0	4.9	1.66	4.8	1.67	4.7	1.69	4.6	1.72	4.5	1.76	4.3	1.85
	-8.5	-9.1	5.1	1.67	5.0	1.69	4.9	1.71	4.8	1.74	4.7	1.78	4.5	1.87
	-7.0	-7.6	5.2	1.69	5.1	1.71	5.0	1.72	4.9	1.76	4.8	1.79	4.6	1.88
	-5.0	-5.6	5.4	1.71	5.3	1.72	5.2	1.74	5.1	1.78	5.0	1.81	4.7	1.90
	-3.0	-3.7	5.6	1.72	5.5	1.74	5.4	1.76	5.2	1.80	5.1	1.83	4.9	1.92
	0.0	-0.7	5.9	1.76	5.7	1.78	5.6	1.80	5.5	1.83	5.4	1.87	5.1	1.96
	3.0	2.2	6.2	1.80	6.0	1.81	5.9	1.83	5.8	1.87	5.7	1.91	5.4	2.00
	5.0	4.1	6.5	1.83	6.4	1.85	6.2	1.87	6.1	1.91	6.0	1.95	5.7	2.04
	7.0	6.0	6.8	1.87	6.7	1.89	6.6	1.91	6.4	1.95	6.3	1.99	6.0	2.08
	9.0	7.9	7.0	1.89	6.8	1.91	6.7	1.93	6.6	1.97	6.4	2.00	6.1	2.11
	11.0	9.8	7.1	1.91	7.0	1.93	6.8	1.95	6.7	1.99	6.6	2.02	6.2	2.13
	13.0	11.8	7.3	1.93	7.1	1.95	7.0	1.97	6.8	2.01	6.7	2.05	6.4	2.15
	15.0	13.7	7.4	1.95	7.3	1.97	7.1	1.99	7.0	2.03	6.8	2.07	6.5	2.17
60%	-15.0	-16.5	3.8	1.39	3.8	1.41	3.7	1.42	3.6	1.45	3.5	1.48	3.4	1.55
	-13.7	-15.0	3.9	1.41	3.9	1.42	3.8	1.44	3.7	1.46	3.6	1.49	3.5	1.57
	-11.8	-13.0	4.1	1.42	4.0	1.44	3.9	1.45	3.8	1.48	3.8	1.51	3.6	1.58
	-9.8	-11.0	4.2	1.44	4.1	1.45	4.0	1.46	3.9	1.49	3.9	1.52	3.7	1.60
	-9.5	-10.0	4.3	1.45	4.2	1.46	4.2	1.48	4.1	1.51	4.0	1.54	3.8	1.62
	-8.5	-9.1	4.5	1.46	4.4	1.48	4.3	1.49	4.2	1.52	4.1	1.55	3.9	1.63
	-7.0	-7.6	4.6	1.48	4.5	1.49	4.4	1.51	4.3	1.54	4.2	1.57	4.0	1.65
	-5.0	-5.6	4.7	1.49	4.6	1.51	4.6	1.52	4.5	1.55	4.4	1.59	4.2	1.67
	-3.0	-3.7	4.9	1.51	4.8	1.52	4.7	1.54	4.6	1.57	4.5	1.60	4.3	1.68
	0.0	-0.7	5.1	1.54	5.0	1.56	4.9	1.57	4.8	1.60	4.7	1.63	4.5	1.72
	3.0	2.2	5.4	1.57	5.3	1.59	5.2	1.60	5.1	1.64	5.0	1.67	4.7	1.75
	5.0	4.1	5.7	1.60	5.6	1.62	5.5	1.64	5.4	1.67	5.3	1.70	5.0	1.79
	7.0	6.0	6.0	1.64	5.9	1.65	5.8	1.67	5.6	1.70	5.5	1.74	5.3	1.82
	9.0	7.9	6.1	1.65	6.0	1.67	5.9	1.69	5.8	1.72	5.6	1.75	5.4	1.84
	11.0	9.8	6.2	1.67	6.1	1.69	6.0	1.70	5.9	1.74	5.8	1.77	5.5	1.86
	13.0	11.8	6.4	1.69	6.2	1.70	6.1	1.72	6.0	1.75	5.9	1.79	5.6	1.88
	15.0	13.7	6.5	1.70	6.4	1.72	6.2	1.74	6.1	1.77	6.0	1.81	5.7	1.90
50%	-15.0	-16.5	3.3	1.19	3.2	1.21	3.2	1.22	3.1	1.24	3.0	1.27	2.9	1.33
	-13.7	-15.0	3.4	1.21	3.3	1.22	3.3	1.23	3.2	1.25	3.1	1.28	3.0	1.34
	-11.8	-13.0	3.5	1.22	3.4	1.23	3.4	1.24	3.3	1.27	3.2	1.29	3.1	1.36
	-9.8	-11.0	3.6	1.23	3.5	1.24	3.5	1.26	3.4	1.28	3.3	1.31	3.2	1.37
	-9.5	-10.0	3.7	1.24	3.6	1.26	3.6	1.27	3.5	1.29	3.4	1.32	3.3	1.39
	-8.5	-9.1	3.8	1.26	3.8	1.27	3.7	1.28	3.6	1.31	3.5	1.33	3.4	1.40
	-7.0	-7.6	3.9	1.27	3.9	1.28	3.8	1.29	3.7	1.32	3.6	1.35	3.5	1.41
	-5.0	-5.6	4.1	1.28	4.0	1.29	3.9	1.31	3.8	1.33	3.8	1.36	3.6	1.43
	-3.0	-3.7	4.2	1.29	4.1	1.31	4.0	1.32	4.0	1.35	3.9	1.37	3.7	1.44
	0.0	-0.7	4.4	1.32	4.3	1.33	4.2	1.35	4.2	1.37	4.1	1.40	3.9	1.47
	3.0	2.2	4.6	1.35	4.6	1.36	4.5	1.37	4.4	1.40	4.3	1.43	4.1	1.50
	5.0	4.1	4.9	1.37	4.8	1.39	4.7	1.40	4.6	1.43	4.5	1.46	4.3	1.53
	7.0	6.0	5.1	1.40	5.0	1.42	5.0	1.43	4.9	1.46	4.8	1.49	4.5	1.56
	9.0	7.9	5.3	1.42	5.1	1.43	5.0	1.45	4.9	1.47	4.8	1.50	4.6	1.58
	11.0	9.8	5.4	1.43	5.3	1.45	5.1	1.46	5.0	1.49	4.9	1.52	4.7	1.59
	13.0	11.8	5.5	1.45	5.4	1.46	5.3	1.47	5.1	1.50	5.0	1.53	4.8	1.61
	15.0	13.7	5.6	1.46	5.5	1.47	5.4	1.49	5.3	1.52	5.1	1.55	4.9	1.63

CHV-DH100W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15.0	-16.5	7.8	2.74	7.7	2.77	7.5	2.80	7.4	2.85	7.2	2.91	6.9	3.06
	-13.7	-15.0	8.1	2.77	7.9	2.80	7.7	2.82	7.6	2.88	7.4	2.94	7.1	3.09
	-11.8	-13.0	8.3	2.80	8.1	2.82	8.0	2.85	7.8	2.91	7.7	2.97	7.3	3.12
	-9.8	-11.0	8.6	2.82	8.4	2.85	8.2	2.88	8.1	2.94	7.9	3.00	7.5	3.15
	-9.5	-10.0	8.8	2.85	8.7	2.88	8.5	2.91	8.3	2.97	8.2	3.03	7.7	3.18
	-8.5	-9.1	9.1	2.88	8.9	2.91	8.7	2.94	8.6	3.00	8.4	3.06	8.0	3.21
	-7.0	-7.6	9.4	2.91	9.2	2.94	9.0	2.97	8.8	3.03	8.7	3.09	8.2	3.25
	-5.0	-5.6	9.7	2.94	9.5	2.97	9.3	3.00	9.1	3.06	8.9	3.12	8.5	3.28
	-3.0	-3.7	10.0	2.97	9.8	3.00	9.6	3.03	9.4	3.09	9.2	3.15	8.7	3.31
	0.0	-0.7	10.5	3.03	10.3	3.06	10.1	3.09	9.9	3.15	9.7	3.22	9.2	3.38
	3.0	2.2	11.1	3.09	10.8	3.12	10.6	3.16	10.4	3.22	10.2	3.28	9.7	3.45
	5.0	4.1	11.6	3.16	11.4	3.19	11.2	3.22	11.0	3.28	10.7	3.35	10.2	3.52
	7.0	6.0	12.2	3.22	12.0	3.25	11.8	3.29	11.5	3.35	11.3	3.42	10.7	3.59
	9.0	7.9	12.5	3.25	12.2	3.29	12.0	3.32	11.8	3.39	11.5	3.45	11.0	3.63
	11.0	9.8	12.7	3.29	12.5	3.32	12.2	3.35	12.0	3.42	11.8	3.49	11.2	3.66
	13.0	11.8	13.0	3.32	12.7	3.35	12.5	3.39	12.2	3.45	12.0	3.52	11.4	3.70
	15.0	13.7	13.3	3.35	13.0	3.39	12.7	3.42	12.5	3.49	12.2	3.56	11.6	3.74
120%	-15.0	-16.5	7.7	2.69	7.5	2.72	7.4	2.74	7.2	2.80	7.1	2.85	6.7	3.00
	-13.7	-15.0	7.9	2.72	7.8	2.74	7.6	2.77	7.4	2.83	7.3	2.88	6.9	3.03
	-11.8	-13.0	8.2	2.74	8.0	2.77	7.8	2.80	7.7	2.86	7.5	2.91	7.1	3.06
	-9.8	-11.0	8.4	2.77	8.2	2.80	8.1	2.83	7.9	2.88	7.8	2.94	7.4	3.09
	-9.5	-10.0	8.7	2.80	8.5	2.83	8.3	2.86	8.2	2.91	8.0	2.97	7.6	3.12
	-8.5	-9.1	8.9	2.83	8.8	2.86	8.6	2.89	8.4	2.94	8.2	3.00	7.8	3.15
	-7.0	-7.6	9.2	2.86	9.0	2.89	8.9	2.91	8.7	2.97	8.5	3.03	8.1	3.18
	-5.0	-5.6	9.5	2.89	9.3	2.91	9.1	2.94	8.9	3.00	8.8	3.06	8.3	3.22
	-3.0	-3.7	9.8	2.91	9.6	2.94	9.4	2.97	9.2	3.03	9.0	3.09	8.6	3.25
	0.0	-0.7	10.3	2.97	10.1	3.00	9.9	3.03	9.7	3.10	9.5	3.16	9.0	3.31
	3.0	2.2	10.8	3.03	10.6	3.07	10.4	3.10	10.2	3.16	10.0	3.22	9.5	3.38
	5.0	4.1	11.4	3.10	11.2	3.13	11.0	3.16	10.8	3.22	10.5	3.29	10.0	3.45
	7.0	6.0	12.0	3.16	11.8	3.19	11.6	3.22	11.3	3.29	11.1	3.35	10.5	3.52
	9.0	7.9	12.3	3.19	12.0	3.22	11.8	3.26	11.5	3.32	11.3	3.39	10.7	3.56
	11.0	9.8	12.5	3.22	12.3	3.26	12.0	3.29	11.8	3.35	11.5	3.42	11.0	3.59
	13.0	11.8	12.8	3.26	12.5	3.29	12.3	3.32	12.0	3.39	11.8	3.46	11.2	3.63
	15.0	13.7	13.0	3.29	12.8	3.32	12.5	3.35	12.3	3.42	12.0	3.49	11.4	3.66
110%	-15.0	-16.5	7.5	2.64	7.4	2.66	7.2	2.69	7.1	2.75	6.9	2.80	6.6	2.94
	-13.7	-15.0	7.8	2.66	7.6	2.69	7.5	2.72	7.3	2.77	7.2	2.83	6.8	2.97
	-11.8	-13.0	8.0	2.69	7.8	2.72	7.7	2.75	7.5	2.80	7.4	2.86	7.0	3.00
	-9.8	-11.0	8.2	2.72	8.1	2.75	7.9	2.77	7.8	2.83	7.6	2.89	7.2	3.03
	-9.5	-10.0	8.5	2.75	8.3	2.77	8.2	2.80	8.0	2.86	7.8	2.91	7.5	3.06
	-8.5	-9.1	8.8	2.77	8.6	2.80	8.4	2.83	8.3	2.89	8.1	2.94	7.7	3.09
	-7.0	-7.6	9.0	2.80	8.9	2.83	8.7	2.86	8.5	2.92	8.3	2.97	7.9	3.12
	-5.0	-5.6	9.3	2.83	9.1	2.86	9.0	2.89	8.8	2.95	8.6	3.00	8.2	3.15
	-3.0	-3.7	9.6	2.86	9.4	2.89	9.2	2.92	9.0	2.97	8.9	3.03	8.4	3.19
	0.0	-0.7	10.1	2.92	9.9	2.95	9.7	2.98	9.5	3.04	9.3	3.10	8.9	3.25
	3.0	2.2	10.6	2.98	10.4	3.01	10.2	3.04	10.0	3.10	9.8	3.16	9.3	3.32
	5.0	4.1	11.2	3.04	11.0	3.07	10.8	3.10	10.5	3.16	10.3	3.22	9.8	3.39
	7.0	6.0	11.8	3.10	11.6	3.13	11.3	3.16	11.1	3.23	10.9	3.29	10.3	3.45
	9.0	7.9	12.0	3.13	11.8	3.16	11.6	3.19	11.3	3.26	11.1	3.32	10.5	3.49
	11.0	9.8	12.3	3.16	12.0	3.19	11.8	3.23	11.6	3.29	11.3	3.36	10.8	3.52
	13.0	11.8	12.5	3.19	12.3	3.23	12.0	3.26	11.8	3.32	11.5	3.39	11.0	3.56
	15.0	13.7	12.8	3.22	12.5	3.26	12.3	3.29	12.0	3.36	11.8	3.42	11.2	3.59

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	7.3	2.59	7.2	2.61	7.0	2.64	6.9	2.69	6.7	2.75	6.4	2.88
	-13.7	-15.0	7.5	2.61	7.4	2.64	7.2	2.67	7.1	2.72	7.0	2.77	6.6	2.91
	-11.8	-13.0	7.8	2.64	7.6	2.67	7.5	2.69	7.3	2.75	7.2	2.80	6.8	2.94
	-9.8	-11.0	8.0	2.67	7.8	2.69	7.7	2.72	7.5	2.77	7.4	2.83	7.0	2.97
	-9.5	-10.0	8.3	2.69	8.1	2.72	7.9	2.75	7.8	2.80	7.6	2.86	7.2	3.00
	-8.5	-9.1	8.5	2.72	8.3	2.75	8.2	2.77	8.0	2.83	7.9	2.89	7.5	3.03
	-7.0	-7.6	8.8	2.75	8.6	2.77	8.4	2.80	8.3	2.86	8.1	2.92	7.7	3.06
	-5.0	-5.6	9.0	2.77	8.9	2.80	8.7	2.83	8.5	2.89	8.3	2.95	7.9	3.09
	-3.0	-3.7	9.3	2.80	9.1	2.83	9.0	2.86	8.8	2.92	8.6	2.97	8.2	3.12
	0.0	-0.7	9.8	2.86	9.6	2.89	9.4	2.92	9.2	2.98	9.1	3.04	8.6	3.19
	3.0	2.2	10.3	2.92	10.1	2.95	9.9	2.98	9.7	3.04	9.5	3.10	9.1	3.25
	5.0	4.1	10.9	2.98	10.7	3.01	10.5	3.04	10.2	3.10	10.0	3.16	9.5	3.32
	7.0	6.0	11.4	3.04	11.2	3.07	11.0	3.10	10.8	3.16	10.6	3.23	10.0	3.39
	9.0	7.9	11.7	3.07	11.4	3.10	11.2	3.13	11.0	3.19	10.8	3.26	10.2	3.42
	11.0	9.8	11.9	3.10	11.7	3.13	11.4	3.16	11.2	3.23	11.0	3.29	10.4	3.45
	13.0	11.8	12.1	3.13	11.9	3.16	11.7	3.19	11.4	3.26	11.2	3.32	10.7	3.49
	15.0	13.7	12.4	3.16	12.1	3.19	11.9	3.23	11.7	3.29	11.4	3.36	10.9	3.52
90%	-15.0	-16.5	6.6	2.33	6.5	2.35	6.4	2.37	6.3	2.42	6.1	2.47	5.8	2.59
	-13.7	-15.0	6.9	2.35	6.7	2.37	6.6	2.40	6.5	2.45	6.3	2.50	6.0	2.62
	-11.8	-13.0	7.1	2.37	6.9	2.40	6.8	2.42	6.7	2.47	6.5	2.52	6.2	2.65
	-9.8	-11.0	7.3	2.40	7.1	2.42	7.0	2.45	6.9	2.50	6.7	2.55	6.4	2.67
	-9.5	-10.0	7.5	2.42	7.4	2.45	7.2	2.47	7.1	2.52	6.9	2.57	6.6	2.70
	-8.5	-9.1	7.7	2.45	7.6	2.47	7.4	2.50	7.3	2.55	7.1	2.60	6.8	2.73
	-7.0	-7.6	8.0	2.47	7.8	2.50	7.7	2.52	7.5	2.57	7.4	2.62	7.0	2.76
	-5.0	-5.6	8.2	2.50	8.1	2.52	7.9	2.55	7.8	2.60	7.6	2.65	7.2	2.78
	-3.0	-3.7	8.5	2.52	8.3	2.55	8.2	2.57	8.0	2.62	7.8	2.68	7.4	2.81
	0.0	-0.7	8.9	2.57	8.8	2.60	8.6	2.63	8.4	2.68	8.2	2.73	7.8	2.87
	3.0	2.2	9.4	2.63	9.2	2.65	9.0	2.68	8.9	2.73	8.7	2.79	8.2	2.93
	5.0	4.1	9.9	2.68	9.7	2.71	9.5	2.73	9.3	2.79	9.1	2.84	8.7	2.99
	7.0	6.0	10.4	2.73	10.2	2.76	10.0	2.79	9.8	2.85	9.6	2.90	9.1	3.05
	9.0	7.9	10.6	2.76	10.4	2.79	10.2	2.82	10.0	2.87	9.8	2.93	9.3	3.08
	11.0	9.8	10.8	2.79	10.6	2.82	10.4	2.85	10.2	2.90	10.0	2.96	9.5	3.11
	13.0	11.8	11.1	2.82	10.8	2.85	10.6	2.87	10.4	2.93	10.2	2.99	9.7	3.14
	15.0	13.7	11.3	2.85	11.1	2.87	10.8	2.90	10.6	2.96	10.4	3.02	9.9	3.17
80%	-15.0	-16.5	6.0	2.09	5.9	2.12	5.8	2.14	5.6	2.18	5.5	2.22	5.3	2.33
	-13.7	-15.0	6.2	2.12	6.1	2.14	5.9	2.16	5.8	2.20	5.7	2.25	5.4	2.36
	-11.8	-13.0	6.4	2.14	6.2	2.16	6.1	2.18	6.0	2.22	5.9	2.27	5.6	2.38
	-9.8	-11.0	6.6	2.16	6.4	2.18	6.3	2.20	6.2	2.25	6.1	2.29	5.8	2.41
	-9.5	-10.0	6.8	2.18	6.6	2.20	6.5	2.22	6.4	2.27	6.2	2.31	5.9	2.43
	-8.5	-9.1	7.0	2.20	6.8	2.22	6.7	2.25	6.6	2.29	6.4	2.34	6.1	2.45
	-7.0	-7.6	7.2	2.22	7.1	2.25	6.9	2.27	6.8	2.32	6.6	2.36	6.3	2.48
	-5.0	-5.6	7.4	2.25	7.3	2.27	7.1	2.29	7.0	2.34	6.8	2.39	6.5	2.50
	-3.0	-3.7	7.6	2.27	7.5	2.29	7.3	2.32	7.2	2.36	7.1	2.41	6.7	2.53
	0.0	-0.7	8.0	2.32	7.9	2.34	7.7	2.36	7.6	2.41	7.4	2.46	7.1	2.58
	3.0	2.2	8.5	2.36	8.3	2.39	8.1	2.41	8.0	2.46	7.8	2.51	7.4	2.63
	5.0	4.1	8.9	2.41	8.7	2.44	8.6	2.46	8.4	2.51	8.2	2.56	7.8	2.69
	7.0	6.0	9.4	2.46	9.2	2.49	9.0	2.51	8.8	2.56	8.7	2.61	8.2	2.74
	9.0	7.9	9.6	2.49	9.4	2.51	9.2	2.54	9.0	2.59	8.8	2.64	8.4	2.77
	11.0	9.8	9.8	2.51	9.6	2.54	9.4	2.56	9.2	2.61	9.0	2.66	8.6	2.80
	13.0	11.8	10.0	2.54	9.8	2.56	9.6	2.59	9.4	2.64	9.2	2.69	8.7	2.83
	15.0	13.7	10.2	2.56	10.0	2.59	9.8	2.61	9.6	2.67	9.4	2.72	8.9	2.85

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	5.3	1.86	5.2	1.88	5.1	1.90	5.0	1.94	4.9	1.98	4.7	2.08
	-13.7	-15.0	5.5	1.88	5.4	1.90	5.3	1.92	5.2	1.96	5.1	2.00	4.8	2.10
	-11.8	-13.0	5.7	1.90	5.6	1.92	5.4	1.94	5.3	1.98	5.2	2.02	5.0	2.12
	-9.8	-11.0	5.8	1.92	5.7	1.94	5.6	1.96	5.5	2.00	5.4	2.04	5.1	2.14
	-9.5	-10.0	6.0	1.94	5.9	1.96	5.8	1.98	5.7	2.02	5.6	2.06	5.3	2.16
	-8.5	-9.1	6.2	1.96	6.1	1.98	6.0	2.00	5.8	2.04	5.7	2.08	5.4	2.18
	-7.0	-7.6	6.4	1.98	6.3	2.00	6.2	2.02	6.0	2.06	5.9	2.10	5.6	2.20
	-5.0	-5.6	6.6	2.00	6.5	2.02	6.3	2.04	6.2	2.08	6.1	2.12	5.8	2.23
	-3.0	-3.7	6.8	2.02	6.7	2.04	6.5	2.06	6.4	2.10	6.3	2.14	6.0	2.25
	0.0	-0.7	7.2	2.06	7.0	2.08	6.9	2.10	6.7	2.14	6.6	2.19	6.3	2.29
	3.0	2.2	7.5	2.10	7.4	2.12	7.2	2.14	7.1	2.19	7.0	2.23	6.6	2.34
	5.0	4.1	7.9	2.14	7.8	2.17	7.6	2.19	7.5	2.23	7.3	2.28	7.0	2.39
	7.0	6.0	8.4	2.19	8.2	2.21	8.0	2.23	7.9	2.28	7.7	2.32	7.3	2.44
	9.0	7.9	8.5	2.21	8.4	2.23	8.2	2.25	8.0	2.30	7.9	2.35	7.5	2.46
	11.0	9.8	8.7	2.23	8.5	2.25	8.4	2.28	8.2	2.32	8.0	2.37	7.6	2.49
	13.0	11.8	8.9	2.25	8.7	2.28	8.5	2.30	8.4	2.35	8.2	2.39	7.8	2.51
	15.0	13.7	9.0	2.28	8.9	2.30	8.7	2.32	8.5	2.37	8.3	2.42	7.9	2.54
60%	-15.0	-16.5	4.7	1.63	4.6	1.65	4.5	1.66	4.4	1.70	4.3	1.73	4.1	1.82
	-13.7	-15.0	4.8	1.65	4.7	1.66	4.6	1.68	4.5	1.71	4.4	1.75	4.2	1.83
	-11.8	-13.0	5.0	1.66	4.9	1.68	4.8	1.70	4.7	1.73	4.6	1.76	4.4	1.85
	-9.8	-11.0	5.1	1.68	5.0	1.70	4.9	1.71	4.8	1.75	4.7	1.78	4.5	1.87
	-9.5	-10.0	5.3	1.70	5.2	1.71	5.1	1.73	5.0	1.77	4.9	1.80	4.6	1.89
	-8.5	-9.1	5.4	1.71	5.3	1.73	5.2	1.75	5.1	1.78	5.0	1.82	4.8	1.91
	-7.0	-7.6	5.6	1.73	5.5	1.75	5.4	1.77	5.3	1.80	5.2	1.84	4.9	1.93
	-5.0	-5.6	5.8	1.75	5.7	1.77	5.6	1.78	5.5	1.82	5.3	1.86	5.1	1.95
	-3.0	-3.7	6.0	1.77	5.8	1.78	5.7	1.80	5.6	1.84	5.5	1.87	5.2	1.97
	0.0	-0.7	6.3	1.80	6.2	1.82	6.0	1.84	5.9	1.87	5.8	1.91	5.5	2.01
	3.0	2.2	6.6	1.84	6.5	1.86	6.4	1.88	6.2	1.91	6.1	1.95	5.8	2.05
	5.0	4.1	7.0	1.88	6.8	1.89	6.7	1.91	6.6	1.95	6.4	1.99	6.1	2.09
	7.0	6.0	7.3	1.91	7.2	1.93	7.0	1.95	6.9	1.99	6.8	2.03	6.4	2.13
	9.0	7.9	7.5	1.93	7.3	1.95	7.2	1.97	7.0	2.01	6.9	2.05	6.6	2.15
	11.0	9.8	7.6	1.95	7.5	1.97	7.3	1.99	7.2	2.03	7.0	2.07	6.7	2.18
	13.0	11.8	7.8	1.97	7.6	1.99	7.5	2.01	7.3	2.05	7.2	2.09	6.8	2.20
	15.0	13.7	7.9	1.99	7.8	2.01	7.6	2.03	7.5	2.07	7.3	2.11	7.0	2.22
50%	-15.0	-16.5	4.0	1.40	3.9	1.41	3.9	1.42	3.8	1.45	3.7	1.48	3.5	1.56
	-13.7	-15.0	4.1	1.41	4.1	1.42	4.0	1.44	3.9	1.47	3.8	1.50	3.6	1.57
	-11.8	-13.0	4.3	1.42	4.2	1.44	4.1	1.45	4.0	1.48	3.9	1.51	3.7	1.59
	-9.8	-11.0	4.4	1.44	4.3	1.45	4.2	1.47	4.1	1.50	4.1	1.53	3.9	1.60
	-9.5	-10.0	4.5	1.45	4.4	1.47	4.4	1.48	4.3	1.51	4.2	1.54	4.0	1.62
	-8.5	-9.1	4.7	1.47	4.6	1.48	4.5	1.50	4.4	1.53	4.3	1.56	4.1	1.64
	-7.0	-7.6	4.8	1.48	4.7	1.50	4.6	1.51	4.5	1.54	4.5	1.57	4.2	1.65
	-5.0	-5.6	5.0	1.50	4.9	1.51	4.8	1.53	4.7	1.56	4.6	1.59	4.4	1.67
	-3.0	-3.7	5.1	1.51	5.0	1.53	4.9	1.54	4.8	1.57	4.7	1.61	4.5	1.69
	0.0	-0.7	5.4	1.54	5.3	1.56	5.2	1.58	5.1	1.61	5.0	1.64	4.7	1.72
	3.0	2.2	5.7	1.58	5.6	1.59	5.5	1.61	5.4	1.64	5.2	1.67	5.0	1.76
	5.0	4.1	6.0	1.61	5.9	1.62	5.7	1.64	5.6	1.67	5.5	1.71	5.2	1.79
	7.0	6.0	6.3	1.64	6.2	1.66	6.1	1.67	5.9	1.71	5.8	1.74	5.5	1.83
	9.0	7.9	6.4	1.66	6.3	1.67	6.2	1.69	6.0	1.72	5.9	1.76	5.6	1.85
	11.0	9.8	6.5	1.67	6.4	1.69	6.3	1.71	6.2	1.74	6.0	1.78	5.7	1.87
	13.0	11.8	6.7	1.69	6.5	1.71	6.4	1.72	6.3	1.76	6.2	1.79	5.9	1.88
	15.0	13.7	6.8	1.71	6.7	1.72	6.5	1.74	6.4	1.78	6.3	1.81	6.0	1.90

CHV-DH125W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15.0	-16.5	9.9	3.11	9.8	3.14	9.6	3.18	9.4	3.24	9.2	3.30	8.7	3.47
	-13.7	-15.0	10.3	3.14	10.1	3.18	9.9	3.21	9.7	3.27	9.5	3.34	9.0	3.50
	-11.8	-13.0	10.6	3.18	10.4	3.21	10.2	3.24	10.0	3.30	9.8	3.37	9.3	3.54
	-9.8	-11.0	10.9	3.21	10.7	3.24	10.5	3.27	10.3	3.34	10.1	3.41	9.6	3.58
	-9.5	-10.0	11.2	3.24	11.0	3.27	10.8	3.31	10.6	3.37	10.4	3.44	9.9	3.61
	-8.5	-9.1	11.6	3.27	11.4	3.31	11.1	3.34	10.9	3.41	10.7	3.47	10.2	3.65
	-7.0	-7.6	11.9	3.31	11.7	3.34	11.5	3.37	11.3	3.44	11.0	3.51	10.5	3.68
	-5.0	-5.6	12.3	3.34	12.1	3.37	11.8	3.41	11.6	3.48	11.4	3.54	10.8	3.72
	-3.0	-3.7	12.7	3.37	12.4	3.41	12.2	3.44	12.0	3.51	11.7	3.58	11.1	3.76
	0.0	-0.7	13.4	3.44	13.1	3.48	12.8	3.51	12.6	3.58	12.3	3.65	11.7	3.84
	3.0	2.2	14.1	3.51	13.8	3.55	13.5	3.58	13.2	3.66	13.0	3.73	12.3	3.91
	5.0	4.1	14.8	3.58	14.5	3.62	14.2	3.66	13.9	3.73	13.7	3.80	13.0	3.99
	7.0	6.0	15.6	3.66	15.3	3.69	15.0	3.73	14.7	3.81	14.4	3.88	13.7	4.08
	9.0	7.9	15.9	3.69	15.6	3.73	15.3	3.77	15.0	3.84	14.7	3.92	13.9	4.12
	11.0	9.8	16.2	3.73	15.9	3.77	15.6	3.81	15.3	3.88	15.0	3.96	14.2	4.16
	13.0	11.8	16.5	3.77	16.2	3.81	15.9	3.84	15.6	3.92	15.3	4.00	14.5	4.20
	15.0	13.7	16.9	3.81	16.5	3.84	16.2	3.88	15.9	3.96	15.6	4.04	14.8	4.24
120%	-15.0	-16.5	9.8	3.05	9.6	3.08	9.4	3.12	9.2	3.18	9.0	3.24	8.6	3.40
	-13.7	-15.0	10.1	3.08	9.9	3.12	9.7	3.15	9.5	3.21	9.3	3.27	8.8	3.44
	-11.8	-13.0	10.4	3.12	10.2	3.15	10.0	3.18	9.8	3.24	9.6	3.31	9.1	3.47
	-9.8	-11.0	10.7	3.15	10.5	3.18	10.3	3.21	10.1	3.28	9.9	3.34	9.4	3.51
	-9.5	-10.0	11.0	3.18	10.8	3.21	10.6	3.24	10.4	3.31	10.2	3.37	9.7	3.54
	-8.5	-9.1	11.4	3.21	11.1	3.24	10.9	3.28	10.7	3.34	10.5	3.41	10.0	3.58
	-7.0	-7.6	11.7	3.24	11.5	3.28	11.3	3.31	11.0	3.38	10.8	3.44	10.3	3.62
	-5.0	-5.6	12.1	3.28	11.8	3.31	11.6	3.34	11.4	3.41	11.2	3.48	10.6	3.65
	-3.0	-3.7	12.5	3.31	12.2	3.34	12.0	3.38	11.7	3.44	11.5	3.51	10.9	3.69
	0.0	-0.7	13.1	3.38	12.9	3.41	12.6	3.45	12.4	3.51	12.1	3.58	11.5	3.76
	3.0	2.2	13.8	3.45	13.5	3.48	13.3	3.52	13.0	3.59	12.7	3.66	12.1	3.84
	5.0	4.1	14.5	3.52	14.2	3.55	14.0	3.59	13.7	3.66	13.4	3.73	12.7	3.92
	7.0	6.0	15.3	3.59	15.0	3.62	14.7	3.66	14.4	3.73	14.1	3.81	13.4	4.00
	9.0	7.9	15.6	3.62	15.3	3.66	15.0	3.70	14.7	3.77	14.4	3.85	13.7	4.04
	11.0	9.8	15.9	3.66	15.6	3.70	15.3	3.73	15.0	3.81	14.7	3.89	14.0	4.08
	13.0	11.8	16.2	3.70	15.9	3.73	15.6	3.77	15.3	3.85	15.0	3.92	14.2	4.12
	15.0	13.7	16.6	3.73	16.2	3.77	15.9	3.81	15.6	3.89	15.3	3.96	14.5	4.16
110%	-15.0	-16.5	9.6	3.00	9.4	3.03	9.2	3.06	9.0	3.12	8.8	3.18	8.4	3.34
	-13.7	-15.0	9.9	3.03	9.7	3.06	9.5	3.09	9.3	3.15	9.1	3.21	8.7	3.37
	-11.8	-13.0	10.2	3.06	10.0	3.09	9.8	3.12	9.6	3.18	9.4	3.24	8.9	3.41
	-9.8	-11.0	10.5	3.09	10.3	3.12	10.1	3.15	9.9	3.21	9.7	3.28	9.2	3.44
	-9.5	-10.0	10.8	3.12	10.6	3.15	10.4	3.18	10.2	3.24	10.0	3.31	9.5	3.48
	-8.5	-9.1	11.2	3.15	10.9	3.18	10.7	3.21	10.5	3.28	10.3	3.34	9.8	3.51
	-7.0	-7.6	11.5	3.18	11.3	3.21	11.1	3.25	10.8	3.31	10.6	3.38	10.1	3.55
	-5.0	-5.6	11.9	3.21	11.6	3.25	11.4	3.28	11.2	3.34	10.9	3.41	10.4	3.58
	-3.0	-3.7	12.2	3.25	12.0	3.28	11.7	3.31	11.5	3.38	11.3	3.45	10.7	3.62
	0.0	-0.7	12.9	3.31	12.6	3.35	12.4	3.38	12.1	3.45	11.9	3.52	11.3	3.69
	3.0	2.2	13.5	3.38	13.3	3.41	13.0	3.45	12.8	3.52	12.5	3.59	11.9	3.77
	5.0	4.1	14.3	3.45	14.0	3.48	13.7	3.52	13.4	3.59	13.2	3.66	12.5	3.84
	7.0	6.0	15.0	3.52	14.7	3.55	14.4	3.59	14.1	3.66	13.8	3.74	13.2	3.92
	9.0	7.9	15.3	3.55	15.0	3.59	14.7	3.63	14.4	3.70	14.1	3.77	13.4	3.96
	11.0	9.8	15.6	3.59	15.3	3.63	15.0	3.66	14.7	3.74	14.4	3.81	13.7	4.00
	13.0	11.8	15.9	3.63	15.6	3.66	15.3	3.70	15.0	3.77	14.7	3.85	14.0	4.04
	15.0	13.7	16.2	3.66	15.9	3.70	15.6	3.74	15.3	3.81	15.0	3.89	14.2	4.08

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° CDB	° CWB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	9.3	2.94	9.1	2.97	8.9	3.00	8.8	3.06	8.6	3.12	8.2	3.27
	-13.7	-15.0	9.6	2.97	9.4	3.00	9.2	3.03	9.0	3.09	8.8	3.15	8.4	3.31
	-11.8	-13.0	9.9	3.00	9.7	3.03	9.5	3.06	9.3	3.12	9.1	3.18	8.7	3.34
	-9.8	-11.0	10.2	3.03	10.0	3.06	9.8	3.09	9.6	3.15	9.4	3.21	8.9	3.37
	-9.5	-10.0	10.5	3.06	10.3	3.09	10.1	3.12	9.9	3.18	9.7	3.24	9.2	3.41
	-8.5	-9.1	10.8	3.09	10.6	3.12	10.4	3.15	10.2	3.21	10.0	3.28	9.5	3.44
	-7.0	-7.6	11.2	3.12	10.9	3.15	10.7	3.18	10.5	3.25	10.3	3.31	9.8	3.48
	-5.0	-5.6	11.5	3.15	11.3	3.18	11.1	3.21	10.8	3.28	10.6	3.34	10.1	3.51
	-3.0	-3.7	11.9	3.18	11.6	3.21	11.4	3.25	11.2	3.31	11.0	3.38	10.4	3.55
	0.0	-0.7	12.5	3.25	12.2	3.28	12.0	3.31	11.8	3.38	11.5	3.45	11.0	3.62
	3.0	2.2	13.1	3.31	12.9	3.35	12.6	3.38	12.4	3.45	12.1	3.52	11.5	3.69
	5.0	4.1	13.8	3.38	13.6	3.42	13.3	3.45	13.0	3.52	12.8	3.59	12.1	3.77
	7.0	6.0	14.6	3.45	14.3	3.48	14.0	3.52	13.7	3.59	13.4	3.66	12.8	3.85
	9.0	7.9	14.9	3.48	14.6	3.52	14.3	3.56	14.0	3.63	13.7	3.70	13.0	3.88
	11.0	9.8	15.2	3.52	14.9	3.55	14.6	3.59	14.3	3.66	14.0	3.74	13.3	3.92
	13.0	11.8	15.5	3.55	15.2	3.59	14.9	3.63	14.6	3.70	14.3	3.77	13.6	3.96
	15.0	13.7	15.8	3.59	15.5	3.63	15.2	3.66	14.9	3.74	14.6	3.81	13.8	4.00
90%	-15.0	-16.5	8.5	2.64	8.3	2.67	8.1	2.70	8.0	2.75	7.8	2.81	7.4	2.95
	-13.7	-15.0	8.7	2.67	8.6	2.70	8.4	2.72	8.2	2.78	8.1	2.83	7.6	2.98
	-11.8	-13.0	9.0	2.70	8.8	2.72	8.6	2.75	8.5	2.81	8.3	2.86	7.9	3.01
	-9.8	-11.0	9.3	2.72	9.1	2.75	8.9	2.78	8.7	2.83	8.6	2.89	8.1	3.04
	-9.5	-10.0	9.6	2.75	9.4	2.78	9.2	2.81	9.0	2.86	8.8	2.92	8.4	3.07
	-8.5	-9.1	9.9	2.78	9.7	2.81	9.5	2.84	9.3	2.89	9.1	2.95	8.6	3.10
	-7.0	-7.6	10.2	2.81	10.0	2.84	9.8	2.86	9.6	2.92	9.4	2.98	8.9	3.13
	-5.0	-5.6	10.5	2.84	10.3	2.86	10.1	2.89	9.9	2.95	9.7	3.01	9.2	3.16
	-3.0	-3.7	10.8	2.86	10.6	2.89	10.4	2.92	10.2	2.98	10.0	3.04	9.5	3.19
	0.0	-0.7	11.4	2.92	11.1	2.95	10.9	2.98	10.7	3.04	10.5	3.10	10.0	3.26
	3.0	2.2	12.0	2.98	11.7	3.01	11.5	3.04	11.3	3.10	11.0	3.17	10.5	3.32
	5.0	4.1	12.6	3.04	12.3	3.07	12.1	3.10	11.9	3.17	11.6	3.23	11.0	3.39
	7.0	6.0	13.3	3.10	13.0	3.14	12.7	3.17	12.5	3.23	12.2	3.30	11.6	3.46
	9.0	7.9	13.5	3.14	13.3	3.17	13.0	3.20	12.7	3.26	12.5	3.33	11.9	3.50
	11.0	9.8	13.8	3.17	13.5	3.20	13.3	3.23	13.0	3.30	12.7	3.36	12.1	3.53
	13.0	11.8	14.1	3.20	13.8	3.23	13.5	3.26	13.2	3.33	13.0	3.40	12.3	3.57
	15.0	13.7	14.3	3.23	14.1	3.26	13.8	3.30	13.5	3.36	13.2	3.43	12.6	3.60
80%	-15.0	-16.5	7.6	2.38	7.5	2.40	7.3	2.43	7.2	2.48	7.0	2.52	6.7	2.65
	-13.7	-15.0	7.9	2.40	7.7	2.43	7.6	2.45	7.4	2.50	7.3	2.55	6.9	2.68
	-11.8	-13.0	8.1	2.43	7.9	2.45	7.8	2.48	7.6	2.53	7.5	2.58	7.1	2.70
	-9.8	-11.0	8.4	2.45	8.2	2.48	8.0	2.50	7.9	2.55	7.7	2.60	7.3	2.73
	-9.5	-10.0	8.6	2.48	8.4	2.50	8.3	2.53	8.1	2.58	8.0	2.63	7.6	2.76
	-8.5	-9.1	8.9	2.50	8.7	2.53	8.5	2.55	8.4	2.60	8.2	2.65	7.8	2.79
	-7.0	-7.6	9.2	2.53	9.0	2.55	8.8	2.58	8.6	2.63	8.4	2.68	8.0	2.82
	-5.0	-5.6	9.4	2.55	9.3	2.58	9.1	2.60	8.9	2.66	8.7	2.71	8.3	2.84
	-3.0	-3.7	9.7	2.58	9.5	2.60	9.4	2.63	9.2	2.68	9.0	2.74	8.5	2.87
	0.0	-0.7	10.2	2.63	10.0	2.66	9.8	2.68	9.6	2.74	9.5	2.79	9.0	2.93
	3.0	2.2	10.8	2.68	10.6	2.71	10.4	2.74	10.2	2.79	10.0	2.85	9.5	2.99
	5.0	4.1	11.3	2.74	11.1	2.77	10.9	2.79	10.7	2.85	10.5	2.91	10.0	3.05
	7.0	6.0	11.9	2.79	11.7	2.82	11.5	2.85	11.3	2.91	11.0	2.97	10.5	3.11
	9.0	7.9	12.2	2.82	11.9	2.85	11.7	2.88	11.5	2.94	11.2	3.00	10.7	3.15
	11.0	9.8	12.4	2.85	12.2	2.88	11.9	2.91	11.7	2.97	11.5	3.03	10.9	3.18
	13.0	11.8	12.7	2.88	12.4	2.91	12.2	2.94	11.9	3.00	11.7	3.06	11.1	3.21
	15.0	13.7	12.9	2.91	12.7	2.94	12.4	2.97	12.2	3.03	11.9	3.09	11.3	3.24

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	6.8	2.11	6.7	2.14	6.5	2.16	6.4	2.20	6.3	2.24	6.0	2.36
	-13.7	-15.0	7.0	2.14	6.9	2.16	6.7	2.18	6.6	2.22	6.5	2.27	6.1	2.38
	-11.8	-13.0	7.2	2.16	7.1	2.18	6.9	2.20	6.8	2.24	6.7	2.29	6.3	2.40
	-9.8	-11.0	7.4	2.18	7.3	2.20	7.1	2.22	7.0	2.27	6.9	2.31	6.5	2.43
	-9.5	-10.0	7.7	2.20	7.5	2.22	7.4	2.25	7.2	2.29	7.1	2.34	6.7	2.45
	-8.5	-9.1	7.9	2.22	7.7	2.25	7.6	2.27	7.4	2.31	7.3	2.36	6.9	2.48
	-7.0	-7.6	8.1	2.25	8.0	2.27	7.8	2.29	7.7	2.34	7.5	2.38	7.1	2.50
	-5.0	-5.6	8.4	2.27	8.2	2.29	8.1	2.31	7.9	2.36	7.8	2.41	7.4	2.53
	-3.0	-3.7	8.7	2.29	8.5	2.31	8.3	2.34	8.2	2.38	8.0	2.43	7.6	2.55
	0.0	-0.7	9.1	2.34	8.9	2.36	8.8	2.39	8.6	2.43	8.4	2.48	8.0	2.61
	3.0	2.2	9.6	2.39	9.4	2.41	9.2	2.43	9.0	2.48	8.9	2.53	8.4	2.66
	5.0	4.1	10.1	2.43	9.9	2.46	9.7	2.48	9.5	2.53	9.3	2.58	8.9	2.71
	7.0	6.0	10.6	2.48	10.4	2.51	10.2	2.53	10.0	2.59	9.8	2.64	9.3	2.77
	9.0	7.9	10.8	2.51	10.6	2.53	10.4	2.56	10.2	2.61	10.0	2.66	9.5	2.80
	11.0	9.8	11.1	2.53	10.8	2.56	10.6	2.59	10.4	2.64	10.2	2.69	9.7	2.82
	13.0	11.8	11.3	2.56	11.1	2.59	10.8	2.61	10.6	2.66	10.4	2.72	9.9	2.85
	15.0	13.7	11.5	2.58	11.3	2.61	11.1	2.64	10.8	2.69	10.6	2.74	10.1	2.88
60%	-15.0	-16.5	6.0	1.85	5.8	1.87	5.7	1.89	5.6	1.93	5.5	1.96	5.2	2.06
	-13.7	-15.0	6.1	1.87	6.0	1.89	5.9	1.91	5.8	1.94	5.7	1.98	5.4	2.08
	-11.8	-13.0	6.3	1.89	6.2	1.91	6.1	1.93	6.0	1.96	5.8	2.00	5.5	2.10
	-9.8	-11.0	6.5	1.91	6.4	1.93	6.3	1.95	6.1	1.98	6.0	2.02	5.7	2.12
	-9.5	-10.0	6.7	1.93	6.6	1.95	6.5	1.96	6.3	2.00	6.2	2.04	5.9	2.15
	-8.5	-9.1	6.9	1.95	6.8	1.96	6.7	1.98	6.5	2.02	6.4	2.06	6.1	2.17
	-7.0	-7.6	7.1	1.96	7.0	1.98	6.9	2.00	6.7	2.04	6.6	2.09	6.3	2.19
	-5.0	-5.6	7.4	1.98	7.2	2.00	7.1	2.02	6.9	2.07	6.8	2.11	6.5	2.21
	-3.0	-3.7	7.6	2.00	7.4	2.02	7.3	2.05	7.2	2.09	7.0	2.13	6.7	2.23
	0.0	-0.7	8.0	2.05	7.8	2.07	7.7	2.09	7.5	2.13	7.4	2.17	7.0	2.28
	3.0	2.2	8.4	2.09	8.2	2.11	8.1	2.13	7.9	2.17	7.8	2.22	7.4	2.33
	5.0	4.1	8.9	2.13	8.7	2.15	8.5	2.17	8.3	2.22	8.2	2.26	7.8	2.37
	7.0	6.0	9.3	2.17	9.1	2.20	9.0	2.22	8.8	2.26	8.6	2.31	8.2	2.42
	9.0	7.9	9.5	2.20	9.3	2.22	9.1	2.24	9.0	2.28	8.8	2.33	8.3	2.45
	11.0	9.8	9.7	2.22	9.5	2.24	9.3	2.26	9.1	2.31	9.0	2.35	8.5	2.47
	13.0	11.8	9.9	2.24	9.7	2.26	9.5	2.28	9.3	2.33	9.1	2.38	8.7	2.50
	15.0	13.7	10.1	2.26	9.9	2.28	9.7	2.31	9.5	2.35	9.3	2.40	8.8	2.52
50%	-15.0	-16.5	5.1	1.59	5.0	1.60	4.9	1.62	4.8	1.65	4.7	1.68	4.5	1.77
	-13.7	-15.0	5.3	1.60	5.2	1.62	5.1	1.63	5.0	1.67	4.9	1.70	4.6	1.79
	-11.8	-13.0	5.4	1.62	5.3	1.63	5.2	1.65	5.1	1.68	5.0	1.72	4.8	1.80
	-9.8	-11.0	5.6	1.63	5.5	1.65	5.4	1.67	5.3	1.70	5.2	1.73	4.9	1.82
	-9.5	-10.0	5.8	1.65	5.7	1.67	5.6	1.68	5.4	1.72	5.3	1.75	5.1	1.84
	-8.5	-9.1	6.0	1.67	5.8	1.68	5.7	1.70	5.6	1.74	5.5	1.77	5.2	1.86
	-7.0	-7.6	6.1	1.68	6.0	1.70	5.9	1.72	5.8	1.75	5.7	1.79	5.4	1.88
	-5.0	-5.6	6.3	1.70	6.2	1.72	6.1	1.74	6.0	1.77	5.8	1.81	5.6	1.90
	-3.0	-3.7	6.5	1.72	6.4	1.74	6.3	1.75	6.1	1.79	6.0	1.82	5.7	1.92
	0.0	-0.7	6.9	1.75	6.7	1.77	6.6	1.79	6.5	1.82	6.3	1.86	6.0	1.95
	3.0	2.2	7.2	1.79	7.1	1.81	6.9	1.83	6.8	1.86	6.7	1.90	6.3	1.99
	5.0	4.1	7.6	1.83	7.5	1.84	7.3	1.86	7.2	1.90	7.0	1.94	6.7	2.03
	7.0	6.0	8.0	1.86	7.9	1.88	7.7	1.90	7.5	1.94	7.4	1.98	7.0	2.08
	9.0	7.9	8.2	1.88	8.0	1.90	7.9	1.92	7.7	1.96	7.5	2.00	7.2	2.10
	11.0	9.8	8.3	1.90	8.2	1.92	8.0	1.94	7.9	1.98	7.7	2.02	7.3	2.12
	13.0	11.8	8.5	1.92	8.3	1.94	8.2	1.96	8.0	2.00	7.8	2.04	7.5	2.14
	15.0	13.7	8.7	1.94	8.5	1.96	8.3	1.98	8.2	2.02	8.0	2.06	7.6	2.16

CHV-DH140W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15.0	-16.5	11.4	3.54	11.1	3.57	10.9	3.61	10.7	3.68	10.5	3.75	10.0	3.94
	-13.7	-15.0	11.7	3.57	11.5	3.61	11.3	3.65	11.0	3.72	10.8	3.79	10.3	3.98
	-11.8	-13.0	12.1	3.61	11.8	3.65	11.6	3.68	11.4	3.76	11.2	3.83	10.6	4.02
	-9.8	-11.0	12.5	3.65	12.2	3.68	12.0	3.72	11.7	3.79	11.5	3.87	10.9	4.06
	-9.5	-10.0	12.8	3.68	12.6	3.72	12.3	3.76	12.1	3.83	11.9	3.91	11.3	4.10
	-8.5	-9.1	13.2	3.72	13.0	3.76	12.7	3.79	12.5	3.87	12.2	3.95	11.6	4.15
	-7.0	-7.6	13.7	3.76	13.4	3.79	13.1	3.83	12.9	3.91	12.6	3.99	12.0	4.19
	-5.0	-5.6	14.1	3.79	13.8	3.83	13.5	3.87	13.3	3.95	13.0	4.03	12.3	4.23
	-3.0	-3.7	14.5	3.83	14.2	3.87	13.9	3.91	13.7	3.99	13.4	4.07	12.7	4.27
	0.0	-0.7	15.3	3.91	15.0	3.95	14.7	3.99	14.4	4.07	14.1	4.15	13.4	4.36
	3.0	2.2	16.1	3.99	15.8	4.03	15.5	4.07	15.1	4.15	14.8	4.24	14.1	4.45
	5.0	4.1	16.9	4.07	16.6	4.11	16.3	4.16	15.9	4.24	15.6	4.32	14.8	4.54
	7.0	6.0	17.8	4.16	17.5	4.20	17.1	4.24	16.8	4.32	16.4	4.41	15.6	4.63
	9.0	7.9	18.2	4.20	17.8	4.24	17.5	4.28	17.1	4.37	16.8	4.46	15.9	4.68
	11.0	9.8	18.5	4.24	18.2	4.28	17.8	4.33	17.5	4.41	17.1	4.50	16.3	4.72
	13.0	11.8	18.9	4.28	18.5	4.32	18.2	4.37	17.8	4.46	17.4	4.54	16.6	4.77
	15.0	13.7	19.3	4.32	18.9	4.37	18.5	4.41	18.2	4.50	17.8	4.59	16.9	4.82
120%	-15.0	-16.5	11.2	3.47	10.9	3.51	10.7	3.54	10.5	3.61	10.3	3.68	9.8	3.87
	-13.7	-15.0	11.5	3.51	11.3	3.54	11.1	3.58	10.8	3.65	10.6	3.72	10.1	3.91
	-11.8	-13.0	11.9	3.54	11.6	3.58	11.4	3.61	11.2	3.68	10.9	3.76	10.4	3.95
	-9.8	-11.0	12.2	3.58	12.0	3.61	11.8	3.65	11.5	3.72	11.3	3.80	10.7	3.99
	-9.5	-10.0	12.6	3.61	12.4	3.65	12.1	3.69	11.9	3.76	11.6	3.83	11.1	4.03
	-8.5	-9.1	13.0	3.65	12.7	3.69	12.5	3.72	12.2	3.80	12.0	3.87	11.4	4.07
	-7.0	-7.6	13.4	3.69	13.1	3.72	12.9	3.76	12.6	3.84	12.4	3.91	11.7	4.11
	-5.0	-5.6	13.8	3.72	13.5	3.76	13.3	3.80	13.0	3.87	12.7	3.95	12.1	4.15
	-3.0	-3.7	14.2	3.76	14.0	3.80	13.7	3.84	13.4	3.91	13.1	3.99	12.5	4.19
	0.0	-0.7	15.0	3.84	14.7	3.88	14.4	3.92	14.1	3.99	13.8	4.07	13.1	4.28
	3.0	2.2	15.8	3.92	15.5	3.96	15.2	4.00	14.9	4.08	14.6	4.16	13.8	4.36
	5.0	4.1	16.6	4.00	16.3	4.04	16.0	4.08	15.6	4.16	15.3	4.24	14.6	4.45
	7.0	6.0	17.5	4.08	17.1	4.12	16.8	4.16	16.5	4.24	16.1	4.33	15.3	4.54
	9.0	7.9	17.8	4.12	17.5	4.16	17.1	4.20	16.8	4.29	16.5	4.37	15.6	4.59
	11.0	9.8	18.2	4.16	17.8	4.20	17.5	4.24	17.1	4.33	16.8	4.42	15.9	4.64
	13.0	11.8	18.5	4.20	18.2	4.24	17.8	4.29	17.5	4.37	17.1	4.46	16.3	4.68
	15.0	13.7	18.9	4.24	18.5	4.29	18.2	4.33	17.8	4.42	17.5	4.50	16.6	4.73
110%	-15.0	-16.5	10.9	3.40	10.7	3.44	10.5	3.47	10.3	3.54	10.1	3.61	9.6	3.79
	-13.7	-15.0	11.3	3.44	11.1	3.47	10.8	3.51	10.6	3.58	10.4	3.65	9.9	3.83
	-11.8	-13.0	11.6	3.47	11.4	3.51	11.2	3.54	11.0	3.61	10.7	3.69	10.2	3.87
	-9.8	-11.0	12.0	3.51	11.8	3.54	11.5	3.58	11.3	3.65	11.1	3.72	10.5	3.91
	-9.5	-10.0	12.4	3.54	12.1	3.58	11.9	3.61	11.6	3.69	11.4	3.76	10.8	3.95
	-8.5	-9.1	12.7	3.58	12.5	3.61	12.3	3.65	12.0	3.72	11.8	3.80	11.2	3.99
	-7.0	-7.6	13.1	3.61	12.9	3.65	12.6	3.69	12.4	3.76	12.1	3.84	11.5	4.03
	-5.0	-5.6	13.5	3.65	13.3	3.69	13.0	3.73	12.8	3.80	12.5	3.88	11.9	4.07
	-3.0	-3.7	14.0	3.69	13.7	3.73	13.4	3.76	13.2	3.84	12.9	3.92	12.2	4.11
	0.0	-0.7	14.7	3.76	14.4	3.80	14.1	3.84	13.8	3.92	13.6	4.00	12.9	4.19
	3.0	2.2	15.5	3.84	15.2	3.88	14.9	3.92	14.6	4.00	14.3	4.08	13.6	4.28
	5.0	4.1	16.3	3.92	16.0	3.96	15.7	4.00	15.3	4.08	15.0	4.16	14.3	4.37
	7.0	6.0	17.1	4.00	16.8	4.04	16.5	4.08	16.2	4.16	15.8	4.24	15.0	4.46
	9.0	7.9	17.5	4.04	17.1	4.08	16.8	4.12	16.5	4.20	16.1	4.29	15.3	4.50
	11.0	9.8	17.8	4.08	17.5	4.12	17.1	4.16	16.8	4.25	16.5	4.33	15.6	4.55
	13.0	11.8	18.2	4.12	17.8	4.16	17.5	4.20	17.1	4.29	16.8	4.37	16.0	4.59
	15.0	13.7	18.6	4.16	18.2	4.20	17.8	4.25	17.5	4.33	17.1	4.42	16.3	4.64

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	10.6	3.34	10.4	3.37	10.2	3.40	10.0	3.47	9.8	3.54	9.3	3.72
	-13.7	-15.0	11.0	3.37	10.7	3.40	10.5	3.44	10.3	3.51	10.1	3.58	9.6	3.76
	-11.8	-13.0	11.3	3.40	11.1	3.44	10.9	3.47	10.6	3.54	10.4	3.61	9.9	3.79
	-9.8	-11.0	11.6	3.44	11.4	3.47	11.2	3.51	11.0	3.58	10.7	3.65	10.2	3.83
	-9.5	-10.0	12.0	3.47	11.8	3.51	11.5	3.54	11.3	3.61	11.1	3.69	10.5	3.87
	-8.5	-9.1	12.4	3.51	12.1	3.54	11.9	3.58	11.7	3.65	11.4	3.72	10.9	3.91
	-7.0	-7.6	12.8	3.54	12.5	3.58	12.3	3.62	12.0	3.69	11.8	3.76	11.2	3.95
	-5.0	-5.6	13.2	3.58	12.9	3.62	12.6	3.65	12.4	3.73	12.1	3.80	11.5	3.99
	-3.0	-3.7	13.6	3.62	13.3	3.65	13.0	3.69	12.8	3.76	12.5	3.84	11.9	4.03
	0.0	-0.7	14.3	3.69	14.0	3.73	13.7	3.76	13.4	3.84	13.2	3.92	12.5	4.11
	3.0	2.2	15.0	3.77	14.7	3.80	14.4	3.84	14.2	3.92	13.9	4.00	13.2	4.20
	5.0	4.1	15.8	3.84	15.5	3.88	15.2	3.92	14.9	4.00	14.6	4.08	13.9	4.28
	7.0	6.0	16.6	3.92	16.3	3.96	16.0	4.00	15.7	4.08	15.4	4.16	14.6	4.37
	9.0	7.9	17.0	3.96	16.6	4.00	16.3	4.04	16.0	4.12	15.7	4.20	14.9	4.41
	11.0	9.8	17.3	4.00	17.0	4.04	16.6	4.08	16.3	4.16	16.0	4.25	15.2	4.46
	13.0	11.8	17.7	4.04	17.3	4.08	17.0	4.12	16.6	4.20	16.3	4.29	15.5	4.50
	15.0	13.7	18.0	4.08	17.7	4.12	17.3	4.16	17.0	4.25	16.6	4.33	15.8	4.55
90%	-15.0	-16.5	9.7	3.00	9.5	3.03	9.3	3.06	9.1	3.13	8.9	3.19	8.5	3.35
	-13.7	-15.0	10.0	3.03	9.8	3.06	9.6	3.09	9.4	3.16	9.2	3.22	8.7	3.38
	-11.8	-13.0	10.3	3.06	10.1	3.09	9.9	3.13	9.7	3.19	9.5	3.25	9.0	3.42
	-9.8	-11.0	10.6	3.09	10.4	3.13	10.2	3.16	10.0	3.22	9.8	3.29	9.3	3.45
	-9.5	-10.0	10.9	3.13	10.7	3.16	10.5	3.19	10.3	3.25	10.1	3.32	9.6	3.48
	-8.5	-9.1	11.3	3.16	11.0	3.19	10.8	3.22	10.6	3.29	10.4	3.35	9.9	3.52
	-7.0	-7.6	11.6	3.19	11.4	3.22	11.2	3.25	10.9	3.32	10.7	3.39	10.2	3.56
	-5.0	-5.6	12.0	3.22	11.7	3.25	11.5	3.29	11.3	3.35	11.0	3.42	10.5	3.59
	-3.0	-3.7	12.3	3.25	12.1	3.29	11.9	3.32	11.6	3.39	11.4	3.45	10.8	3.63
	0.0	-0.7	13.0	3.32	12.7	3.35	12.5	3.39	12.2	3.46	12.0	3.53	11.4	3.70
	3.0	2.2	13.7	3.39	13.4	3.42	13.1	3.46	12.9	3.53	12.6	3.60	12.0	3.78
	5.0	4.1	14.4	3.46	14.1	3.49	13.8	3.53	13.6	3.60	13.3	3.67	12.6	3.85
	7.0	6.0	15.1	3.53	14.9	3.56	14.6	3.60	14.3	3.67	14.0	3.75	13.3	3.93
	9.0	7.9	15.5	3.56	15.1	3.60	14.9	3.64	14.6	3.71	14.3	3.78	13.5	3.97
	11.0	9.8	15.8	3.60	15.5	3.64	15.1	3.67	14.8	3.75	14.5	3.82	13.8	4.01
	13.0	11.8	16.1	3.64	15.8	3.67	15.5	3.71	15.1	3.78	14.8	3.86	14.1	4.05
	15.0	13.7	16.4	3.67	16.1	3.71	15.8	3.75	15.4	3.82	15.1	3.90	14.4	4.09
80%	-15.0	-16.5	8.7	2.70	8.5	2.73	8.4	2.76	8.2	2.81	8.0	2.87	7.6	3.01
	-13.7	-15.0	9.0	2.73	8.8	2.76	8.6	2.79	8.5	2.84	8.3	2.90	7.9	3.04
	-11.8	-13.0	9.3	2.76	9.1	2.79	8.9	2.81	8.7	2.87	8.5	2.93	8.1	3.07
	-9.8	-11.0	9.5	2.79	9.4	2.81	9.2	2.84	9.0	2.90	8.8	2.96	8.4	3.10
	-9.5	-10.0	9.8	2.81	9.6	2.84	9.5	2.87	9.3	2.93	9.1	2.99	8.6	3.14
	-8.5	-9.1	10.1	2.84	9.9	2.87	9.8	2.90	9.6	2.96	9.4	3.02	8.9	3.17
	-7.0	-7.6	10.5	2.87	10.3	2.90	10.1	2.93	9.9	2.99	9.7	3.05	9.2	3.20
	-5.0	-5.6	10.8	2.90	10.6	2.93	10.4	2.96	10.2	3.02	10.0	3.08	9.5	3.23
	-3.0	-3.7	11.1	2.93	10.9	2.96	10.7	2.99	10.5	3.05	10.3	3.11	9.7	3.26
	0.0	-0.7	11.7	2.99	11.5	3.02	11.2	3.05	11.0	3.11	10.8	3.17	10.3	3.33
	3.0	2.2	12.3	3.05	12.1	3.08	11.8	3.11	11.6	3.17	11.4	3.24	10.8	3.40
	5.0	4.1	13.0	3.11	12.7	3.14	12.5	3.18	12.2	3.24	12.0	3.30	11.4	3.47
	7.0	6.0	13.7	3.18	13.4	3.21	13.1	3.24	12.9	3.30	12.6	3.37	12.0	3.54
	9.0	7.9	13.9	3.21	13.7	3.24	13.4	3.27	13.1	3.34	12.9	3.40	12.2	3.57
	11.0	9.8	14.2	3.24	13.9	3.27	13.7	3.31	13.4	3.37	13.1	3.44	12.5	3.61
	13.0	11.8	14.5	3.27	14.2	3.30	13.9	3.34	13.6	3.40	13.4	3.47	12.7	3.65
	15.0	13.7	14.8	3.30	14.5	3.34	14.2	3.37	13.9	3.44	13.6	3.51	13.0	3.68

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	7.8	2.40	7.6	2.43	7.5	2.45	7.3	2.50	7.2	2.55	6.8	2.68
	-13.7	-15.0	8.0	2.43	7.8	2.45	7.7	2.48	7.5	2.53	7.4	2.58	7.0	2.70
	-11.8	-13.0	8.2	2.45	8.1	2.48	7.9	2.50	7.8	2.55	7.6	2.60	7.2	2.73
	-9.8	-11.0	8.5	2.48	8.3	2.50	8.2	2.53	8.0	2.58	7.8	2.63	7.5	2.76
	-9.5	-10.0	8.8	2.50	8.6	2.53	8.4	2.55	8.3	2.60	8.1	2.65	7.7	2.79
	-8.5	-9.1	9.0	2.53	8.9	2.55	8.7	2.58	8.5	2.63	8.3	2.68	7.9	2.82
	-7.0	-7.6	9.3	2.55	9.1	2.58	9.0	2.60	8.8	2.66	8.6	2.71	8.2	2.84
	-5.0	-5.6	9.6	2.58	9.4	2.60	9.2	2.63	9.0	2.68	8.9	2.74	8.4	2.87
	-3.0	-3.7	9.9	2.60	9.7	2.63	9.5	2.66	9.3	2.71	9.1	2.76	8.7	2.90
	0.0	-0.7	10.4	2.66	10.2	2.68	10.0	2.71	9.8	2.76	9.6	2.82	9.1	2.96
	3.0	2.2	11.0	2.71	10.8	2.74	10.5	2.77	10.3	2.82	10.1	2.88	9.6	3.02
	5.0	4.1	11.5	2.77	11.3	2.79	11.1	2.82	10.9	2.88	10.7	2.94	10.1	3.08
	7.0	6.0	12.2	2.82	11.9	2.85	11.7	2.88	11.4	2.94	11.2	3.00	10.7	3.15
	9.0	7.9	12.4	2.85	12.2	2.88	11.9	2.91	11.7	2.97	11.4	3.03	10.9	3.18
	11.0	9.8	12.6	2.88	12.4	2.91	12.2	2.94	11.9	3.00	11.7	3.06	11.1	3.21
	13.0	11.8	12.9	2.91	12.6	2.94	12.4	2.97	12.1	3.03	11.9	3.09	11.3	3.24
	15.0	13.7	13.2	2.94	12.9	2.97	12.6	3.00	12.4	3.06	12.1	3.12	11.5	3.27
60%	-15.0	-16.5	6.8	2.10	6.7	2.12	6.5	2.14	6.4	2.19	6.3	2.23	6.0	2.34
	-13.7	-15.0	7.0	2.12	6.9	2.14	6.7	2.17	6.6	2.21	6.5	2.25	6.1	2.37
	-11.8	-13.0	7.2	2.14	7.1	2.17	6.9	2.19	6.8	2.23	6.7	2.28	6.3	2.39
	-9.8	-11.0	7.5	2.17	7.3	2.19	7.2	2.21	7.0	2.25	6.9	2.30	6.5	2.41
	-9.5	-10.0	7.7	2.19	7.5	2.21	7.4	2.23	7.2	2.28	7.1	2.32	6.7	2.44
	-8.5	-9.1	7.9	2.21	7.8	2.23	7.6	2.26	7.5	2.30	7.3	2.35	6.9	2.46
	-7.0	-7.6	8.2	2.23	8.0	2.26	7.8	2.28	7.7	2.32	7.5	2.37	7.2	2.49
	-5.0	-5.6	8.4	2.26	8.3	2.28	8.1	2.30	7.9	2.35	7.8	2.39	7.4	2.51
	-3.0	-3.7	8.7	2.28	8.5	2.30	8.3	2.32	8.2	2.37	8.0	2.42	7.6	2.54
	0.0	-0.7	9.1	2.32	9.0	2.35	8.8	2.37	8.6	2.42	8.4	2.47	8.0	2.59
	3.0	2.2	9.6	2.37	9.4	2.40	9.2	2.42	9.1	2.47	8.9	2.52	8.4	2.64
	5.0	4.1	10.1	2.42	9.9	2.44	9.7	2.47	9.5	2.52	9.3	2.57	8.9	2.70
	7.0	6.0	10.7	2.47	10.4	2.49	10.2	2.52	10.0	2.57	9.8	2.62	9.3	2.75
	9.0	7.9	10.9	2.49	10.7	2.52	10.4	2.55	10.2	2.60	10.0	2.65	9.5	2.78
	11.0	9.8	11.1	2.52	10.9	2.54	10.7	2.57	10.4	2.62	10.2	2.67	9.7	2.81
	13.0	11.8	11.3	2.54	11.1	2.57	10.9	2.60	10.6	2.65	10.4	2.70	9.9	2.84
	15.0	13.7	11.5	2.57	11.3	2.60	11.1	2.62	10.9	2.67	10.6	2.73	10.1	2.86
50%	-15.0	-16.5	5.8	1.80	5.7	1.82	5.6	1.84	5.5	1.88	5.4	1.91	5.1	2.01
	-13.7	-15.0	6.0	1.82	5.9	1.84	5.8	1.86	5.7	1.89	5.6	1.93	5.3	2.03
	-11.8	-13.0	6.2	1.84	6.1	1.86	6.0	1.88	5.9	1.91	5.7	1.95	5.4	2.05
	-9.8	-11.0	6.4	1.86	6.3	1.88	6.2	1.89	6.0	1.93	5.9	1.97	5.6	2.07
	-9.5	-10.0	6.6	1.88	6.5	1.89	6.3	1.91	6.2	1.95	6.1	1.99	5.8	2.09
	-8.5	-9.1	6.8	1.89	6.7	1.91	6.5	1.93	6.4	1.97	6.3	2.01	6.0	2.11
	-7.0	-7.6	7.0	1.91	6.9	1.93	6.7	1.95	6.6	1.99	6.5	2.03	6.2	2.13
	-5.0	-5.6	7.2	1.93	7.1	1.95	7.0	1.97	6.8	2.01	6.7	2.05	6.3	2.15
	-3.0	-3.7	7.5	1.95	7.3	1.97	7.2	1.99	7.0	2.03	6.9	2.07	6.5	2.18
	0.0	-0.7	7.8	1.99	7.7	2.01	7.5	2.03	7.4	2.07	7.2	2.12	6.9	2.22
	3.0	2.2	8.3	2.03	8.1	2.05	7.9	2.07	7.8	2.12	7.6	2.16	7.2	2.27
	5.0	4.1	8.7	2.07	8.5	2.10	8.4	2.12	8.2	2.16	8.0	2.20	7.6	2.31
	7.0	6.0	9.2	2.12	9.0	2.14	8.8	2.16	8.6	2.20	8.5	2.25	8.0	2.36
	9.0	7.9	9.3	2.14	9.2	2.16	9.0	2.18	8.8	2.23	8.6	2.27	8.2	2.38
	11.0	9.8	9.5	2.16	9.3	2.18	9.2	2.20	9.0	2.25	8.8	2.29	8.4	2.41
	13.0	11.8	9.7	2.18	9.5	2.20	9.3	2.23	9.2	2.27	9.0	2.32	8.5	2.43
	15.0	13.7	9.9	2.20	9.7	2.23	9.5	2.25	9.3	2.29	9.1	2.34	8.7	2.46

CHV-DH160W/R1

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	° C DB	° C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-15.0	-16.5	12.1	3.89	11.8	3.93	11.6	3.97	11.4	4.05	11.2	4.13	10.6	4.34
	-13.7	-15.0	12.5	3.93	12.2	3.97	12.0	4.01	11.7	4.09	11.5	4.17	10.9	4.38
	-11.8	-13.0	12.8	3.97	12.6	4.01	12.3	4.05	12.1	4.13	11.9	4.21	11.3	4.42
	-9.8	-11.0	13.2	4.01	13.0	4.05	12.7	4.09	12.5	4.17	12.2	4.26	11.6	4.47
	-9.5	-10.0	13.6	4.05	13.4	4.09	13.1	4.13	12.9	4.22	12.6	4.30	12.0	4.51
	-8.5	-9.1	14.1	4.09	13.8	4.13	13.5	4.17	13.3	4.26	13.0	4.34	12.3	4.56
	-7.0	-7.6	14.5	4.13	14.2	4.17	13.9	4.22	13.7	4.30	13.4	4.39	12.7	4.61
	-5.0	-5.6	15.0	4.17	14.7	4.22	14.4	4.26	14.1	4.34	13.8	4.43	13.1	4.65
	-3.0	-3.7	15.4	4.22	15.1	4.26	14.8	4.30	14.5	4.39	14.2	4.48	13.5	4.70
	0.0	-0.7	16.2	4.30	15.9	4.35	15.6	4.39	15.3	4.48	15.0	4.57	14.2	4.80
	3.0	2.2	17.1	4.39	16.7	4.43	16.4	4.48	16.1	4.57	15.8	4.66	15.0	4.89
	5.0	4.1	18.0	4.48	17.6	4.53	17.3	4.57	16.9	4.66	16.6	4.76	15.8	4.99
	7.0	6.0	18.9	4.57	18.6	4.62	18.2	4.66	17.8	4.76	17.5	4.85	16.6	5.10
	9.0	7.9	19.3	4.62	18.9	4.66	18.6	4.71	18.2	4.80	17.8	4.90	16.9	5.15
	11.0	9.8	19.7	4.66	19.3	4.71	18.9	4.76	18.5	4.85	18.2	4.95	17.3	5.20
	13.0	11.8	20.1	4.71	19.7	4.76	19.3	4.81	18.9	4.90	18.5	5.00	17.6	5.25
	15.0	13.7	20.5	4.76	20.1	4.80	19.7	4.85	19.3	4.95	18.9	5.05	18.0	5.30
120%	-15.0	-16.5	11.9	3.82	11.6	3.86	11.4	3.89	11.2	3.97	10.9	4.05	10.4	4.25
	-13.7	-15.0	12.2	3.86	12.0	3.89	11.7	3.93	11.5	4.01	11.3	4.09	10.7	4.30
	-11.8	-13.0	12.6	3.89	12.4	3.93	12.1	3.97	11.9	4.05	11.6	4.13	11.0	4.34
	-9.8	-11.0	13.0	3.93	12.7	3.97	12.5	4.01	12.2	4.09	12.0	4.18	11.4	4.38
	-9.5	-10.0	13.4	3.97	13.1	4.01	12.9	4.05	12.6	4.14	12.4	4.22	11.7	4.43
	-8.5	-9.1	13.8	4.01	13.5	4.05	13.3	4.10	13.0	4.18	12.7	4.26	12.1	4.47
	-7.0	-7.6	14.2	4.05	14.0	4.10	13.7	4.14	13.4	4.22	13.1	4.30	12.5	4.52
	-5.0	-5.6	14.7	4.10	14.4	4.14	14.1	4.18	13.8	4.26	13.5	4.35	12.9	4.56
	-3.0	-3.7	15.1	4.14	14.8	4.18	14.5	4.22	14.2	4.31	14.0	4.39	13.3	4.61
	0.0	-0.7	15.9	4.22	15.6	4.26	15.3	4.31	15.0	4.39	14.7	4.48	14.0	4.70
	3.0	2.2	16.8	4.31	16.4	4.35	16.1	4.39	15.8	4.48	15.5	4.57	14.7	4.80
	5.0	4.1	17.6	4.40	17.3	4.44	17.0	4.48	16.6	4.57	16.3	4.67	15.5	4.90
	7.0	6.0	18.6	4.48	18.2	4.53	17.9	4.58	17.5	4.67	17.1	4.76	16.3	5.00
	9.0	7.9	18.9	4.53	18.6	4.58	18.2	4.62	17.8	4.71	17.5	4.81	16.6	5.05
	11.0	9.8	19.3	4.58	18.9	4.62	18.6	4.67	18.2	4.76	17.8	4.86	16.9	5.10
	13.0	11.8	19.7	4.62	19.3	4.67	18.9	4.71	18.6	4.81	18.2	4.91	17.3	5.15
	15.0	13.7	20.1	4.67	19.7	4.71	19.3	4.76	18.9	4.86	18.6	4.95	17.6	5.20
110%	-15.0	-16.5	11.6	3.74	11.4	3.78	11.2	3.82	11.0	3.90	10.7	3.97	10.2	4.17
	-13.7	-15.0	12.0	3.78	11.8	3.82	11.5	3.86	11.3	3.94	11.1	4.01	10.5	4.21
	-11.8	-13.0	12.4	3.82	12.1	3.86	11.9	3.90	11.6	3.98	11.4	4.05	10.8	4.26
	-9.8	-11.0	12.7	3.86	12.5	3.90	12.2	3.94	12.0	4.02	11.8	4.10	11.2	4.30
	-9.5	-10.0	13.1	3.90	12.9	3.94	12.6	3.98	12.4	4.06	12.1	4.14	11.5	4.34
	-8.5	-9.1	13.5	3.94	13.3	3.98	13.0	4.02	12.8	4.10	12.5	4.18	11.9	4.39
	-7.0	-7.6	14.0	3.98	13.7	4.02	13.4	4.06	13.2	4.14	12.9	4.22	12.2	4.43
	-5.0	-5.6	14.4	4.02	14.1	4.06	13.8	4.10	13.6	4.18	13.3	4.26	12.6	4.48
	-3.0	-3.7	14.8	4.06	14.5	4.10	14.3	4.14	14.0	4.22	13.7	4.31	13.0	4.52
	0.0	-0.7	15.6	4.14	15.3	4.18	15.0	4.22	14.7	4.31	14.4	4.39	13.7	4.61
	3.0	2.2	16.4	4.22	16.1	4.27	15.8	4.31	15.5	4.40	15.2	4.48	14.4	4.71
	5.0	4.1	17.3	4.31	17.0	4.35	16.6	4.40	16.3	4.49	16.0	4.58	15.2	4.80
	7.0	6.0	18.2	4.40	17.9	4.44	17.5	4.49	17.2	4.58	16.8	4.67	16.0	4.90
	9.0	7.9	18.6	4.44	18.2	4.49	17.9	4.53	17.5	4.62	17.2	4.72	16.3	4.95
	11.0	9.8	19.0	4.49	18.6	4.53	18.2	4.58	17.9	4.67	17.5	4.76	16.6	5.00
	13.0	11.8	19.3	4.53	19.0	4.58	18.6	4.62	18.2	4.72	17.8	4.81	17.0	5.05
	15.0	13.7	19.7	4.58	19.3	4.62	19.0	4.67	18.6	4.76	18.2	4.86	17.3	5.10

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	11.3	3.67	11.1	3.71	10.9	3.74	10.6	3.82	10.4	3.90	9.9	4.09
	-13.7	-15.0	11.6	3.71	11.4	3.74	11.2	3.78	11.0	3.86	10.7	3.94	10.2	4.13
	-11.8	-13.0	12.0	3.74	11.8	3.78	11.5	3.82	11.3	3.90	11.1	3.98	10.5	4.17
	-9.8	-11.0	12.4	3.78	12.1	3.82	11.9	3.86	11.7	3.94	11.4	4.02	10.8	4.22
	-9.5	-10.0	12.8	3.82	12.5	3.86	12.3	3.90	12.0	3.98	11.8	4.06	11.2	4.26
	-8.5	-9.1	13.1	3.86	12.9	3.90	12.6	3.94	12.4	4.02	12.1	4.10	11.5	4.30
	-7.0	-7.6	13.6	3.90	13.3	3.94	13.0	3.98	12.8	4.06	12.5	4.14	11.9	4.35
	-5.0	-5.6	14.0	3.94	13.7	3.98	13.4	4.02	13.2	4.10	12.9	4.18	12.3	4.39
	-3.0	-3.7	14.4	3.98	14.1	4.02	13.8	4.06	13.6	4.14	13.3	4.22	12.6	4.43
	0.0	-0.7	15.2	4.06	14.9	4.10	14.6	4.14	14.3	4.22	14.0	4.31	13.3	4.52
	3.0	2.2	16.0	4.14	15.6	4.18	15.3	4.23	15.0	4.31	14.7	4.40	14.0	4.62
	5.0	4.1	16.8	4.23	16.5	4.27	16.2	4.31	15.8	4.40	15.5	4.49	14.7	4.71
	7.0	6.0	17.7	4.31	17.3	4.36	17.0	4.40	16.7	4.49	16.3	4.58	15.5	4.81
	9.0	7.9	18.0	4.36	17.7	4.40	17.3	4.44	17.0	4.53	16.7	4.62	15.8	4.85
	11.0	9.8	18.4	4.40	18.0	4.44	17.7	4.49	17.3	4.58	17.0	4.67	16.1	4.90
	13.0	11.8	18.8	4.44	18.4	4.49	18.0	4.53	17.7	4.62	17.3	4.72	16.5	4.95
	15.0	13.7	19.1	4.49	18.8	4.53	18.4	4.58	18.0	4.67	17.7	4.76	16.8	5.00
90%	-15.0	-16.5	10.3	3.30	10.1	3.34	9.9	3.37	9.7	3.44	9.5	3.51	9.0	3.68
	-13.7	-15.0	10.6	3.34	10.4	3.37	10.2	3.40	10.0	3.47	9.8	3.54	9.3	3.72
	-11.8	-13.0	10.9	3.37	10.7	3.40	10.5	3.44	10.3	3.51	10.1	3.58	9.6	3.76
	-9.8	-11.0	11.3	3.40	11.0	3.44	10.8	3.47	10.6	3.54	10.4	3.61	9.9	3.79
	-9.5	-10.0	11.6	3.44	11.4	3.47	11.2	3.51	10.9	3.58	10.7	3.65	10.2	3.83
	-8.5	-9.1	12.0	3.47	11.7	3.51	11.5	3.54	11.3	3.61	11.0	3.69	10.5	3.87
	-7.0	-7.6	12.3	3.51	12.1	3.54	11.9	3.58	11.6	3.65	11.4	3.72	10.8	3.91
	-5.0	-5.6	12.7	3.54	12.5	3.58	12.2	3.62	12.0	3.69	11.7	3.76	11.2	3.95
	-3.0	-3.7	13.1	3.58	12.9	3.62	12.6	3.65	12.3	3.73	12.1	3.80	11.5	3.99
	0.0	-0.7	13.8	3.65	13.5	3.69	13.3	3.73	13.0	3.80	12.7	3.88	12.1	4.07
	3.0	2.2	14.5	3.73	14.2	3.77	14.0	3.80	13.7	3.88	13.4	3.96	12.7	4.15
	5.0	4.1	15.3	3.80	15.0	3.84	14.7	3.88	14.4	3.96	14.1	4.04	13.4	4.24
	7.0	6.0	16.1	3.88	15.8	3.92	15.5	3.96	15.2	4.04	14.9	4.12	14.1	4.33
	9.0	7.9	16.4	3.92	16.1	3.96	15.8	4.00	15.5	4.08	15.2	4.16	14.4	4.37
	11.0	9.8	16.7	3.96	16.4	4.00	16.1	4.04	15.8	4.12	15.5	4.20	14.7	4.41
	13.0	11.8	17.1	4.00	16.7	4.04	16.4	4.08	16.1	4.16	15.8	4.24	15.0	4.46
	15.0	13.7	17.4	4.04	17.1	4.08	16.7	4.12	16.4	4.20	16.1	4.29	15.3	4.50
80%	-15.0	-16.5	9.3	2.97	9.1	3.00	8.9	3.03	8.7	3.09	8.5	3.16	8.1	3.31
	-13.7	-15.0	9.5	3.00	9.4	3.03	9.2	3.06	9.0	3.13	8.8	3.19	8.4	3.35
	-11.8	-13.0	9.8	3.03	9.6	3.06	9.5	3.09	9.3	3.16	9.1	3.22	8.6	3.38
	-9.8	-11.0	10.1	3.06	9.9	3.09	9.8	3.13	9.6	3.19	9.4	3.25	8.9	3.42
	-9.5	-10.0	10.5	3.09	10.3	3.13	10.1	3.16	9.9	3.22	9.7	3.29	9.2	3.45
	-8.5	-9.1	10.8	3.13	10.6	3.16	10.4	3.19	10.2	3.25	10.0	3.32	9.5	3.48
	-7.0	-7.6	11.1	3.16	10.9	3.19	10.7	3.22	10.5	3.29	10.3	3.35	9.7	3.52
	-5.0	-5.6	11.5	3.19	11.2	3.22	11.0	3.25	10.8	3.32	10.6	3.39	10.0	3.56
	-3.0	-3.7	11.8	3.22	11.6	3.25	11.4	3.29	11.1	3.35	10.9	3.42	10.4	3.59
	0.0	-0.7	12.4	3.29	12.2	3.32	12.0	3.35	11.7	3.42	11.5	3.49	10.9	3.66
	3.0	2.2	13.1	3.35	12.8	3.39	12.6	3.42	12.3	3.49	12.1	3.56	11.5	3.74
	5.0	4.1	13.8	3.42	13.5	3.46	13.2	3.49	13.0	3.56	12.7	3.63	12.1	3.82
	7.0	6.0	14.5	3.49	14.2	3.53	13.9	3.56	13.7	3.64	13.4	3.71	12.7	3.89
	9.0	7.9	14.8	3.53	14.5	3.56	14.2	3.60	13.9	3.67	13.7	3.75	13.0	3.93
	11.0	9.8	15.1	3.56	14.8	3.60	14.5	3.64	14.2	3.71	13.9	3.78	13.2	3.97
	13.0	11.8	15.4	3.60	15.1	3.64	14.8	3.67	14.5	3.75	14.2	3.82	13.5	4.01
	15.0	13.7	15.7	3.63	15.4	3.67	15.1	3.71	14.8	3.78	14.5	3.86	13.8	4.05

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
70%	-15.0	-16.5	8.2	2.64	8.1	2.67	7.9	2.70	7.8	2.75	7.6	2.81	7.2	2.95
	-13.7	-15.0	8.5	2.67	8.3	2.70	8.2	2.72	8.0	2.78	7.8	2.83	7.5	2.98
	-11.8	-13.0	8.8	2.70	8.6	2.72	8.4	2.75	8.3	2.81	8.1	2.86	7.7	3.01
	-9.8	-11.0	9.0	2.72	8.9	2.75	8.7	2.78	8.5	2.83	8.3	2.89	7.9	3.04
	-9.5	-10.0	9.3	2.75	9.1	2.78	8.9	2.81	8.8	2.86	8.6	2.92	8.2	3.07
	-8.5	-9.1	9.6	2.78	9.4	2.81	9.2	2.84	9.0	2.89	8.9	2.95	8.4	3.10
	-7.0	-7.6	9.9	2.81	9.7	2.84	9.5	2.86	9.3	2.92	9.1	2.98	8.7	3.13
	-5.0	-5.6	10.2	2.84	10.0	2.86	9.8	2.89	9.6	2.95	9.4	3.01	8.9	3.16
	-3.0	-3.7	10.5	2.86	10.3	2.89	10.1	2.92	9.9	2.98	9.7	3.04	9.2	3.19
	0.0	-0.7	11.1	2.92	10.9	2.95	10.6	2.98	10.4	3.04	10.2	3.10	9.7	3.26
	3.0	2.2	11.7	2.98	11.4	3.01	11.2	3.04	11.0	3.10	10.8	3.17	10.2	3.32
	5.0	4.1	12.3	3.04	12.0	3.07	11.8	3.10	11.6	3.17	11.3	3.23	10.8	3.39
	7.0	6.0	12.9	3.10	12.7	3.14	12.4	3.17	12.2	3.23	11.9	3.30	11.3	3.46
	9.0	7.9	13.2	3.14	12.9	3.17	12.7	3.20	12.4	3.26	12.2	3.33	11.5	3.50
	11.0	9.8	13.4	3.17	13.2	3.20	12.9	3.23	12.7	3.30	12.4	3.36	11.8	3.53
	13.0	11.8	13.7	3.20	13.4	3.23	13.2	3.26	12.9	3.33	12.6	3.40	12.0	3.57
	15.0	13.7	14.0	3.23	13.7	3.26	13.4	3.30	13.2	3.36	12.9	3.43	12.3	3.60
60%	-15.0	-16.5	7.2	2.31	7.1	2.34	6.9	2.36	6.8	2.41	6.7	2.45	6.3	2.58
	-13.7	-15.0	7.4	2.34	7.3	2.36	7.2	2.38	7.0	2.43	6.9	2.48	6.5	2.60
	-11.8	-13.0	7.7	2.36	7.5	2.38	7.4	2.41	7.2	2.46	7.1	2.50	6.7	2.63
	-9.8	-11.0	7.9	2.38	7.8	2.41	7.6	2.43	7.5	2.48	7.3	2.53	6.9	2.66
	-9.5	-10.0	8.2	2.41	8.0	2.43	7.8	2.46	7.7	2.51	7.5	2.56	7.2	2.68
	-8.5	-9.1	8.4	2.43	8.2	2.46	8.1	2.48	7.9	2.53	7.8	2.58	7.4	2.71
	-7.0	-7.6	8.7	2.46	8.5	2.48	8.3	2.51	8.2	2.56	8.0	2.61	7.6	2.74
	-5.0	-5.6	8.9	2.48	8.8	2.51	8.6	2.53	8.4	2.58	8.3	2.63	7.8	2.77
	-3.0	-3.7	9.2	2.51	9.0	2.53	8.9	2.56	8.7	2.61	8.5	2.66	8.1	2.79
	0.0	-0.7	9.7	2.56	9.5	2.58	9.3	2.61	9.1	2.66	9.0	2.71	8.5	2.85
	3.0	2.2	10.2	2.61	10.0	2.64	9.8	2.66	9.6	2.72	9.4	2.77	9.0	2.91
	5.0	4.1	10.8	2.66	10.5	2.69	10.3	2.72	10.1	2.77	9.9	2.83	9.4	2.97
	7.0	6.0	11.3	2.72	11.1	2.74	10.9	2.77	10.7	2.83	10.4	2.88	9.9	3.03
	9.0	7.9	11.5	2.74	11.3	2.77	11.1	2.80	10.9	2.86	10.7	2.91	10.1	3.06
	11.0	9.8	11.8	2.77	11.5	2.80	11.3	2.83	11.1	2.88	10.9	2.94	10.3	3.09
	13.0	11.8	12.0	2.80	11.8	2.83	11.5	2.86	11.3	2.91	11.1	2.97	10.5	3.12
	15.0	13.7	12.3	2.83	12.0	2.86	11.8	2.88	11.5	2.94	11.3	3.00	10.7	3.15
50%	-15.0	-16.5	6.2	1.98	6.1	2.00	6.0	2.02	5.8	2.06	5.7	2.10	5.4	2.21
	-13.7	-15.0	6.4	2.00	6.3	2.02	6.2	2.04	6.0	2.08	5.9	2.13	5.6	2.23
	-11.8	-13.0	6.6	2.02	6.5	2.04	6.3	2.06	6.2	2.10	6.1	2.15	5.8	2.25
	-9.8	-11.0	6.8	2.04	6.7	2.06	6.5	2.08	6.4	2.13	6.3	2.17	6.0	2.28
	-9.5	-10.0	7.0	2.06	6.9	2.08	6.7	2.11	6.6	2.15	6.5	2.19	6.2	2.30
	-8.5	-9.1	7.2	2.08	7.1	2.11	7.0	2.13	6.8	2.17	6.7	2.21	6.3	2.32
	-7.0	-7.6	7.5	2.11	7.3	2.13	7.2	2.15	7.0	2.19	6.9	2.23	6.5	2.35
	-5.0	-5.6	7.7	2.13	7.5	2.15	7.4	2.17	7.2	2.21	7.1	2.26	6.7	2.37
	-3.0	-3.7	7.9	2.15	7.8	2.17	7.6	2.19	7.5	2.24	7.3	2.28	6.9	2.39
	0.0	-0.7	8.3	2.19	8.2	2.21	8.0	2.24	7.9	2.28	7.7	2.33	7.3	2.44
	3.0	2.2	8.8	2.24	8.6	2.26	8.4	2.28	8.3	2.33	8.1	2.37	7.7	2.49
	5.0	4.1	9.2	2.28	9.1	2.31	8.9	2.33	8.7	2.38	8.5	2.42	8.1	2.54
	7.0	6.0	9.7	2.33	9.5	2.35	9.4	2.38	9.2	2.42	9.0	2.47	8.5	2.60
	9.0	7.9	9.9	2.35	9.7	2.38	9.5	2.40	9.3	2.45	9.2	2.50	8.7	2.62
	11.0	9.8	10.1	2.38	9.9	2.40	9.7	2.42	9.5	2.47	9.3	2.52	8.9	2.65
	13.0	11.8	10.3	2.40	10.1	2.42	9.9	2.45	9.7	2.50	9.5	2.55	9.1	2.67
	15.0	13.7	10.5	2.42	10.3	2.45	10.1	2.47	9.9	2.52	9.7	2.57	9.2	2.70

GCHV-D125W/HZR1-D01

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15.0	-16.5	9.9	3.11	9.8	3.14	9.6	3.18	9.4	3.24	9.2	3.30	8.7	3.47
	-13.7	-15.0	10.3	3.14	10.1	3.18	9.9	3.21	9.7	3.27	9.5	3.34	9.0	3.50
	-11.8	-13.0	10.6	3.18	10.4	3.21	10.2	3.24	10.0	3.30	9.8	3.37	9.3	3.54
	-9.8	-11.0	10.9	3.21	10.7	3.24	10.5	3.27	10.3	3.34	10.1	3.41	9.6	3.58
	-9.5	-10.0	11.2	3.24	11.0	3.27	10.8	3.31	10.6	3.37	10.4	3.44	9.9	3.61
	-8.5	-9.1	11.6	3.27	11.4	3.31	11.1	3.34	10.9	3.41	10.7	3.47	10.2	3.65
	-7.0	-7.6	11.9	3.31	11.7	3.34	11.5	3.37	11.3	3.44	11.0	3.51	10.5	3.68
	-5.0	-5.6	12.3	3.34	12.1	3.37	11.8	3.41	11.6	3.48	11.4	3.54	10.8	3.72
	-3.0	-3.7	12.7	3.37	12.4	3.41	12.2	3.44	12.0	3.51	11.7	3.58	11.1	3.76
	0.0	-0.7	13.4	3.44	13.1	3.48	12.8	3.51	12.6	3.58	12.3	3.65	11.7	3.84
	3.0	2.2	14.1	3.51	13.8	3.55	13.5	3.58	13.2	3.66	13.0	3.73	12.3	3.91
	5.0	4.1	14.8	3.58	14.5	3.62	14.2	3.66	13.9	3.73	13.7	3.80	13.0	3.99
	7.0	6.0	15.6	3.66	15.3	3.69	15.0	3.73	14.7	3.81	14.4	3.88	13.7	4.08
	9.0	7.9	15.9	3.69	15.6	3.73	15.3	3.77	15.0	3.84	14.7	3.92	13.9	4.12
	11.0	9.8	16.2	3.73	15.9	3.77	15.6	3.81	15.3	3.88	15.0	3.96	14.2	4.16
	13.0	11.8	16.5	3.77	16.2	3.81	15.9	3.84	15.6	3.92	15.3	4.00	14.5	4.20
	15.0	13.7	16.9	3.81	16.5	3.84	16.2	3.88	15.9	3.96	15.6	4.04	14.8	4.24
120%	-15.0	-16.5	9.8	3.05	9.6	3.08	9.4	3.12	9.2	3.18	9.0	3.24	8.6	3.40
	-13.7	-15.0	10.1	3.08	9.9	3.12	9.7	3.15	9.5	3.21	9.3	3.27	8.8	3.44
	-11.8	-13.0	10.4	3.12	10.2	3.15	10.0	3.18	9.8	3.24	9.6	3.31	9.1	3.47
	-9.8	-11.0	10.7	3.15	10.5	3.18	10.3	3.21	10.1	3.28	9.9	3.34	9.4	3.51
	-9.5	-10.0	11.0	3.18	10.8	3.21	10.6	3.24	10.4	3.31	10.2	3.37	9.7	3.54
	-8.5	-9.1	11.4	3.21	11.1	3.24	10.9	3.28	10.7	3.34	10.5	3.41	10.0	3.58
	-7.0	-7.6	11.7	3.24	11.5	3.28	11.3	3.31	11.0	3.38	10.8	3.44	10.3	3.62
	-5.0	-5.6	12.1	3.28	11.8	3.31	11.6	3.34	11.4	3.41	11.2	3.48	10.6	3.65
	-3.0	-3.7	12.5	3.31	12.2	3.34	12.0	3.38	11.7	3.44	11.5	3.51	10.9	3.69
	0.0	-0.7	13.1	3.38	12.9	3.41	12.6	3.45	12.4	3.51	12.1	3.58	11.5	3.76
	3.0	2.2	13.8	3.45	13.5	3.48	13.3	3.52	13.0	3.59	12.7	3.66	12.1	3.84
	5.0	4.1	14.5	3.52	14.2	3.55	14.0	3.59	13.7	3.66	13.4	3.73	12.7	3.92
	7.0	6.0	15.3	3.59	15.0	3.62	14.7	3.66	14.4	3.73	14.1	3.81	13.4	4.00
	9.0	7.9	15.6	3.62	15.3	3.66	15.0	3.70	14.7	3.77	14.4	3.85	13.7	4.04
	11.0	9.8	15.9	3.66	15.6	3.70	15.3	3.73	15.0	3.81	14.7	3.89	14.0	4.08
	13.0	11.8	16.2	3.70	15.9	3.73	15.6	3.77	15.3	3.85	15.0	3.92	14.2	4.12
	15.0	13.7	16.6	3.73	16.2	3.77	15.9	3.81	15.6	3.89	15.3	3.96	14.5	4.16
110%	-15.0	-16.5	9.6	3.00	9.4	3.03	9.2	3.06	9.0	3.12	8.8	3.18	8.4	3.34
	-13.7	-15.0	9.9	3.03	9.7	3.06	9.5	3.09	9.3	3.15	9.1	3.21	8.7	3.37
	-11.8	-13.0	10.2	3.06	10.0	3.09	9.8	3.12	9.6	3.18	9.4	3.24	8.9	3.41
	-9.8	-11.0	10.5	3.09	10.3	3.12	10.1	3.15	9.9	3.21	9.7	3.28	9.2	3.44
	-9.5	-10.0	10.8	3.12	10.6	3.15	10.4	3.18	10.2	3.24	10.0	3.31	9.5	3.48
	-8.5	-9.1	11.2	3.15	10.9	3.18	10.7	3.21	10.5	3.28	10.3	3.34	9.8	3.51
	-7.0	-7.6	11.5	3.18	11.3	3.21	11.1	3.25	10.8	3.31	10.6	3.38	10.1	3.55
	-5.0	-5.6	11.9	3.21	11.6	3.25	11.4	3.28	11.2	3.34	10.9	3.41	10.4	3.58
	-3.0	-3.7	12.2	3.25	12.0	3.28	11.7	3.31	11.5	3.38	11.3	3.45	10.7	3.62
	0.0	-0.7	12.9	3.31	12.6	3.35	12.4	3.38	12.1	3.45	11.9	3.52	11.3	3.69
	3.0	2.2	13.5	3.38	13.3	3.41	13.0	3.45	12.8	3.52	12.5	3.59	11.9	3.77
	5.0	4.1	14.3	3.45	14.0	3.48	13.7	3.52	13.4	3.59	13.2	3.66	12.5	3.84
	7.0	6.0	15.0	3.52	14.7	3.55	14.4	3.59	14.1	3.66	13.8	3.74	13.2	3.92
	9.0	7.9	15.3	3.55	15.0	3.59	14.7	3.63	14.4	3.70	14.1	3.77	13.4	3.96
	11.0	9.8	15.6	3.59	15.3	3.63	15.0	3.66	14.7	3.74	14.4	3.81	13.7	4.00
	13.0	11.8	15.9	3.63	15.6	3.66	15.3	3.70	15.0	3.77	14.7	3.85	14.0	4.04
	15.0	13.7	16.2	3.66	15.9	3.70	15.6	3.74	15.3	3.81	15.0	3.89	14.2	4.08

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	9.3	2.94	9.1	2.97	8.9	3.00	8.8	3.06	8.6	3.12	8.2	3.27
	-13.7	-15.0	9.6	2.97	9.4	3.00	9.2	3.03	9.0	3.09	8.8	3.15	8.4	3.31
	-11.8	-13.0	9.9	3.00	9.7	3.03	9.5	3.06	9.3	3.12	9.1	3.18	8.7	3.34
	-9.8	-11.0	10.2	3.03	10.0	3.06	9.8	3.09	9.6	3.15	9.4	3.21	8.9	3.37
	-9.5	-10.0	10.5	3.06	10.3	3.09	10.1	3.12	9.9	3.18	9.7	3.24	9.2	3.41
	-8.5	-9.1	10.8	3.09	10.6	3.12	10.4	3.15	10.2	3.21	10.0	3.28	9.5	3.44
	-7.0	-7.6	11.2	3.12	10.9	3.15	10.7	3.18	10.5	3.25	10.3	3.31	9.8	3.48
	-5.0	-5.6	11.5	3.15	11.3	3.18	11.1	3.21	10.8	3.28	10.6	3.34	10.1	3.51
	-3.0	-3.7	11.9	3.18	11.6	3.21	11.4	3.25	11.2	3.31	11.0	3.38	10.4	3.55
	0.0	-0.7	12.5	3.25	12.2	3.28	12.0	3.31	11.8	3.38	11.5	3.45	11.0	3.62
	3.0	2.2	13.1	3.31	12.9	3.35	12.6	3.38	12.4	3.45	12.1	3.52	11.5	3.69
	5.0	4.1	13.8	3.38	13.6	3.42	13.3	3.45	13.0	3.52	12.8	3.59	12.1	3.77
	7.0	6.0	14.6	3.45	14.3	3.48	14.0	3.52	13.7	3.59	13.4	3.66	12.8	3.85
	9.0	7.9	14.9	3.48	14.6	3.52	14.3	3.56	14.0	3.63	13.7	3.70	13.0	3.88
	11.0	9.8	15.2	3.52	14.9	3.55	14.6	3.59	14.3	3.66	14.0	3.74	13.3	3.92
	13.0	11.8	15.5	3.55	15.2	3.59	14.9	3.63	14.6	3.70	14.3	3.77	13.6	3.96
	15.0	13.7	15.8	3.59	15.5	3.63	15.2	3.66	14.9	3.74	14.6	3.81	13.8	4.00
90%	-15.0	-16.5	8.5	2.64	8.3	2.67	8.1	2.70	8.0	2.75	7.8	2.81	7.4	2.95
	-13.7	-15.0	8.7	2.67	8.6	2.70	8.4	2.72	8.2	2.78	8.1	2.83	7.6	2.98
	-11.8	-13.0	9.0	2.70	8.8	2.72	8.6	2.75	8.5	2.81	8.3	2.86	7.9	3.01
	-9.8	-11.0	9.3	2.72	9.1	2.75	8.9	2.78	8.7	2.83	8.6	2.89	8.1	3.04
	-9.5	-10.0	9.6	2.75	9.4	2.78	9.2	2.81	9.0	2.86	8.8	2.92	8.4	3.07
	-8.5	-9.1	9.9	2.78	9.7	2.81	9.5	2.84	9.3	2.89	9.1	2.95	8.6	3.10
	-7.0	-7.6	10.2	2.81	10.0	2.84	9.8	2.86	9.6	2.92	9.4	2.98	8.9	3.13
	-5.0	-5.6	10.5	2.84	10.3	2.86	10.1	2.89	9.9	2.95	9.7	3.01	9.2	3.16
	-3.0	-3.7	10.8	2.86	10.6	2.89	10.4	2.92	10.2	2.98	10.0	3.04	9.5	3.19
	0.0	-0.7	11.4	2.92	11.1	2.95	10.9	2.98	10.7	3.04	10.5	3.10	10.0	3.26
	3.0	2.2	12.0	2.98	11.7	3.01	11.5	3.04	11.3	3.10	11.0	3.17	10.5	3.32
	5.0	4.1	12.6	3.04	12.3	3.07	12.1	3.10	11.9	3.17	11.6	3.23	11.0	3.39
	7.0	6.0	13.3	3.10	13.0	3.14	12.7	3.17	12.5	3.23	12.2	3.30	11.6	3.46
	9.0	7.9	13.5	3.14	13.3	3.17	13.0	3.20	12.7	3.26	12.5	3.33	11.9	3.50
	11.0	9.8	13.8	3.17	13.5	3.20	13.3	3.23	13.0	3.30	12.7	3.36	12.1	3.53
	13.0	11.8	14.1	3.20	13.8	3.23	13.5	3.26	13.2	3.33	13.0	3.40	12.3	3.57
	15.0	13.7	14.3	3.23	14.1	3.26	13.8	3.30	13.5	3.36	13.2	3.43	12.6	3.60
80%	-15.0	-16.5	7.6	2.38	7.5	2.40	7.3	2.43	7.2	2.48	7.0	2.52	6.7	2.65
	-13.7	-15.0	7.9	2.40	7.7	2.43	7.6	2.45	7.4	2.50	7.3	2.55	6.9	2.68
	-11.8	-13.0	8.1	2.43	7.9	2.45	7.8	2.48	7.6	2.53	7.5	2.58	7.1	2.70
	-9.8	-11.0	8.4	2.45	8.2	2.48	8.0	2.50	7.9	2.55	7.7	2.60	7.3	2.73
	-9.5	-10.0	8.6	2.48	8.4	2.50	8.3	2.53	8.1	2.58	8.0	2.63	7.6	2.76
	-8.5	-9.1	8.9	2.50	8.7	2.53	8.5	2.55	8.4	2.60	8.2	2.65	7.8	2.79
	-7.0	-7.6	9.2	2.53	9.0	2.55	8.8	2.58	8.6	2.63	8.4	2.68	8.0	2.82
	-5.0	-5.6	9.4	2.55	9.3	2.58	9.1	2.60	8.9	2.66	8.7	2.71	8.3	2.84
	-3.0	-3.7	9.7	2.58	9.5	2.60	9.4	2.63	9.2	2.68	9.0	2.74	8.5	2.87
	0.0	-0.7	10.2	2.63	10.0	2.66	9.8	2.68	9.6	2.74	9.5	2.79	9.0	2.93
	3.0	2.2	10.8	2.68	10.6	2.71	10.4	2.74	10.2	2.79	10.0	2.85	9.5	2.99
	5.0	4.1	11.3	2.74	11.1	2.77	10.9	2.79	10.7	2.85	10.5	2.91	10.0	3.05
	7.0	6.0	11.9	2.79	11.7	2.82	11.5	2.85	11.3	2.91	11.0	2.97	10.5	3.11
	9.0	7.9	12.2	2.82	11.9	2.85	11.7	2.88	11.5	2.94	11.2	3.00	10.7	3.15
	11.0	9.8	12.4	2.85	12.2	2.88	11.9	2.91	11.7	2.97	11.5	3.03	10.9	3.18
	13.0	11.8	12.7	2.88	12.4	2.91	12.2	2.94	11.9	3.00	11.7	3.06	11.1	3.21
	15.0	13.7	12.9	2.91	12.7	2.94	12.4	2.97	12.2	3.03	11.9	3.09	11.3	3.24

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	6.8	2.11	6.7	2.14	6.5	2.16	6.4	2.20	6.3	2.24	6.0	2.36
	-13.7	-15.0	7.0	2.14	6.9	2.16	6.7	2.18	6.6	2.22	6.5	2.27	6.1	2.38
	-11.8	-13.0	7.2	2.16	7.1	2.18	6.9	2.20	6.8	2.24	6.7	2.29	6.3	2.40
	-9.8	-11.0	7.4	2.18	7.3	2.20	7.1	2.22	7.0	2.27	6.9	2.31	6.5	2.43
	-9.5	-10.0	7.7	2.20	7.5	2.22	7.4	2.25	7.2	2.29	7.1	2.34	6.7	2.45
	-8.5	-9.1	7.9	2.22	7.7	2.25	7.6	2.27	7.4	2.31	7.3	2.36	6.9	2.48
	-7.0	-7.6	8.1	2.25	8.0	2.27	7.8	2.29	7.7	2.34	7.5	2.38	7.1	2.50
	-5.0	-5.6	8.4	2.27	8.2	2.29	8.1	2.31	7.9	2.36	7.8	2.41	7.4	2.53
	-3.0	-3.7	8.7	2.29	8.5	2.31	8.3	2.34	8.2	2.38	8.0	2.43	7.6	2.55
	0.0	-0.7	9.1	2.34	8.9	2.36	8.8	2.39	8.6	2.43	8.4	2.48	8.0	2.61
	3.0	2.2	9.6	2.39	9.4	2.41	9.2	2.43	9.0	2.48	8.9	2.53	8.4	2.66
	5.0	4.1	10.1	2.43	9.9	2.46	9.7	2.48	9.5	2.53	9.3	2.58	8.9	2.71
	7.0	6.0	10.6	2.48	10.4	2.51	10.2	2.53	10.0	2.59	9.8	2.64	9.3	2.77
	9.0	7.9	10.8	2.51	10.6	2.53	10.4	2.56	10.2	2.61	10.0	2.66	9.5	2.80
	11.0	9.8	11.1	2.53	10.8	2.56	10.6	2.59	10.4	2.64	10.2	2.69	9.7	2.82
	13.0	11.8	11.3	2.56	11.1	2.59	10.8	2.61	10.6	2.66	10.4	2.72	9.9	2.85
	15.0	13.7	11.5	2.58	11.3	2.61	11.1	2.64	10.8	2.69	10.6	2.74	10.1	2.88
60%	-15.0	-16.5	6.0	1.85	5.8	1.87	5.7	1.89	5.6	1.93	5.5	1.96	5.2	2.06
	-13.7	-15.0	6.1	1.87	6.0	1.89	5.9	1.91	5.8	1.94	5.7	1.98	5.4	2.08
	-11.8	-13.0	6.3	1.89	6.2	1.91	6.1	1.93	6.0	1.96	5.8	2.00	5.5	2.10
	-9.8	-11.0	6.5	1.91	6.4	1.93	6.3	1.95	6.1	1.98	6.0	2.02	5.7	2.12
	-9.5	-10.0	6.7	1.93	6.6	1.95	6.5	1.96	6.3	2.00	6.2	2.04	5.9	2.15
	-8.5	-9.1	6.9	1.95	6.8	1.96	6.7	1.98	6.5	2.02	6.4	2.06	6.1	2.17
	-7.0	-7.6	7.1	1.96	7.0	1.98	6.9	2.00	6.7	2.04	6.6	2.09	6.3	2.19
	-5.0	-5.6	7.4	1.98	7.2	2.00	7.1	2.02	6.9	2.07	6.8	2.11	6.5	2.21
	-3.0	-3.7	7.6	2.00	7.4	2.02	7.3	2.05	7.2	2.09	7.0	2.13	6.7	2.23
	0.0	-0.7	8.0	2.05	7.8	2.07	7.7	2.09	7.5	2.13	7.4	2.17	7.0	2.28
	3.0	2.2	8.4	2.09	8.2	2.11	8.1	2.13	7.9	2.17	7.8	2.22	7.4	2.33
	5.0	4.1	8.9	2.13	8.7	2.15	8.5	2.17	8.3	2.22	8.2	2.26	7.8	2.37
	7.0	6.0	9.3	2.17	9.1	2.20	9.0	2.22	8.8	2.26	8.6	2.31	8.2	2.42
	9.0	7.9	9.5	2.20	9.3	2.22	9.1	2.24	9.0	2.28	8.8	2.33	8.3	2.45
	11.0	9.8	9.7	2.22	9.5	2.24	9.3	2.26	9.1	2.31	9.0	2.35	8.5	2.47
	13.0	11.8	9.9	2.24	9.7	2.26	9.5	2.28	9.3	2.33	9.1	2.38	8.7	2.50
	15.0	13.7	10.1	2.26	9.9	2.28	9.7	2.31	9.5	2.35	9.3	2.40	8.8	2.52
50%	-15.0	-16.5	5.1	1.59	5.0	1.60	4.9	1.62	4.8	1.65	4.7	1.68	4.5	1.77
	-13.7	-15.0	5.3	1.60	5.2	1.62	5.1	1.63	5.0	1.67	4.9	1.70	4.6	1.79
	-11.8	-13.0	5.4	1.62	5.3	1.63	5.2	1.65	5.1	1.68	5.0	1.72	4.8	1.80
	-9.8	-11.0	5.6	1.63	5.5	1.65	5.4	1.67	5.3	1.70	5.2	1.73	4.9	1.82
	-9.5	-10.0	5.8	1.65	5.7	1.67	5.6	1.68	5.4	1.72	5.3	1.75	5.1	1.84
	-8.5	-9.1	6.0	1.67	5.8	1.68	5.7	1.70	5.6	1.74	5.5	1.77	5.2	1.86
	-7.0	-7.6	6.1	1.68	6.0	1.70	5.9	1.72	5.8	1.75	5.7	1.79	5.4	1.88
	-5.0	-5.6	6.3	1.70	6.2	1.72	6.1	1.74	6.0	1.77	5.8	1.81	5.6	1.90
	-3.0	-3.7	6.5	1.72	6.4	1.74	6.3	1.75	6.1	1.79	6.0	1.82	5.7	1.92
	0.0	-0.7	6.9	1.75	6.7	1.77	6.6	1.79	6.5	1.82	6.3	1.86	6.0	1.95
	3.0	2.2	7.2	1.79	7.1	1.81	6.9	1.83	6.8	1.86	6.7	1.90	6.3	1.99
	5.0	4.1	7.6	1.83	7.5	1.84	7.3	1.86	7.2	1.90	7.0	1.94	6.7	2.03
	7.0	6.0	8.0	1.86	7.9	1.88	7.7	1.90	7.5	1.94	7.4	1.98	7.0	2.08
	9.0	7.9	8.2	1.88	8.0	1.90	7.9	1.92	7.7	1.96	7.5	2.00	7.2	2.10
	11.0	9.8	8.3	1.90	8.2	1.92	8.0	1.94	7.9	1.98	7.7	2.02	7.3	2.12
	13.0	11.8	8.5	1.92	8.3	1.94	8.2	1.96	8.0	2.00	7.8	2.04	7.5	2.14
	15.0	13.7	8.7	1.94	8.5	1.96	8.3	1.98	8.2	2.02	8.0	2.06	7.6	2.16

GCHV-D140W/HZR1-F01

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
130%	-15.0	-16.5	11.4	3.54	11.1	3.57	10.9	3.61	10.7	3.68	10.5	3.75	10.0	3.94
	-13.7	-15.0	11.7	3.57	11.5	3.61	11.3	3.65	11.0	3.72	10.8	3.79	10.3	3.98
	-11.8	-13.0	12.1	3.61	11.8	3.65	11.6	3.68	11.4	3.76	11.2	3.83	10.6	4.02
	-9.8	-11.0	12.5	3.65	12.2	3.68	12.0	3.72	11.7	3.79	11.5	3.87	10.9	4.06
	-9.5	-10.0	12.8	3.68	12.6	3.72	12.3	3.76	12.1	3.83	11.9	3.91	11.3	4.10
	-8.5	-9.1	13.2	3.72	13.0	3.76	12.7	3.79	12.5	3.87	12.2	3.95	11.6	4.15
	-7.0	-7.6	13.7	3.76	13.4	3.79	13.1	3.83	12.9	3.91	12.6	3.99	12.0	4.19
	-5.0	-5.6	14.1	3.79	13.8	3.83	13.5	3.87	13.3	3.95	13.0	4.03	12.3	4.23
	-3.0	-3.7	14.5	3.83	14.2	3.87	13.9	3.91	13.7	3.99	13.4	4.07	12.7	4.27
	0.0	-0.7	15.3	3.91	15.0	3.95	14.7	3.99	14.4	4.07	14.1	4.15	13.4	4.36
	3.0	2.2	16.1	3.99	15.8	4.03	15.5	4.07	15.1	4.15	14.8	4.24	14.1	4.45
	5.0	4.1	16.9	4.07	16.6	4.11	16.3	4.16	15.9	4.24	15.6	4.32	14.8	4.54
	7.0	6.0	17.8	4.16	17.5	4.20	17.1	4.24	16.8	4.32	16.4	4.41	15.6	4.63
	9.0	7.9	18.2	4.20	17.8	4.24	17.5	4.28	17.1	4.37	16.8	4.46	15.9	4.68
	11.0	9.8	18.5	4.24	18.2	4.28	17.8	4.33	17.5	4.41	17.1	4.50	16.3	4.72
	13.0	11.8	18.9	4.28	18.5	4.32	18.2	4.37	17.8	4.46	17.4	4.54	16.6	4.77
	15.0	13.7	19.3	4.32	18.9	4.37	18.5	4.41	18.2	4.50	17.8	4.59	16.9	4.82
120%	-15.0	-16.5	11.2	3.47	10.9	3.51	10.7	3.54	10.5	3.61	10.3	3.68	9.8	3.87
	-13.7	-15.0	11.5	3.51	11.3	3.54	11.1	3.58	10.8	3.65	10.6	3.72	10.1	3.91
	-11.8	-13.0	11.9	3.54	11.6	3.58	11.4	3.61	11.2	3.68	10.9	3.76	10.4	3.95
	-9.8	-11.0	12.2	3.58	12.0	3.61	11.8	3.65	11.5	3.72	11.3	3.80	10.7	3.99
	-9.5	-10.0	12.6	3.61	12.4	3.65	12.1	3.69	11.9	3.76	11.6	3.83	11.1	4.03
	-8.5	-9.1	13.0	3.65	12.7	3.69	12.5	3.72	12.2	3.80	12.0	3.87	11.4	4.07
	-7.0	-7.6	13.4	3.69	13.1	3.72	12.9	3.76	12.6	3.84	12.4	3.91	11.7	4.11
	-5.0	-5.6	13.8	3.72	13.5	3.76	13.3	3.80	13.0	3.87	12.7	3.95	12.1	4.15
	-3.0	-3.7	14.2	3.76	14.0	3.80	13.7	3.84	13.4	3.91	13.1	3.99	12.5	4.19
	0.0	-0.7	15.0	3.84	14.7	3.88	14.4	3.92	14.1	3.99	13.8	4.07	13.1	4.28
	3.0	2.2	15.8	3.92	15.5	3.96	15.2	4.00	14.9	4.08	14.6	4.16	13.8	4.36
	5.0	4.1	16.6	4.00	16.3	4.04	16.0	4.08	15.6	4.16	15.3	4.24	14.6	4.45
	7.0	6.0	17.5	4.08	17.1	4.12	16.8	4.16	16.5	4.24	16.1	4.33	15.3	4.54
	9.0	7.9	17.8	4.12	17.5	4.16	17.1	4.20	16.8	4.29	16.5	4.37	15.6	4.59
	11.0	9.8	18.2	4.16	17.8	4.20	17.5	4.24	17.1	4.33	16.8	4.42	15.9	4.64
	13.0	11.8	18.5	4.20	18.2	4.24	17.8	4.29	17.5	4.37	17.1	4.46	16.3	4.68
	15.0	13.7	18.9	4.24	18.5	4.29	18.2	4.33	17.8	4.42	17.5	4.50	16.6	4.73
110%	-15.0	-16.5	10.9	3.40	10.7	3.44	10.5	3.47	10.3	3.54	10.1	3.61	9.6	3.79
	-13.7	-15.0	11.3	3.44	11.1	3.47	10.8	3.51	10.6	3.58	10.4	3.65	9.9	3.83
	-11.8	-13.0	11.6	3.47	11.4	3.51	11.2	3.54	11.0	3.61	10.7	3.69	10.2	3.87
	-9.8	-11.0	12.0	3.51	11.8	3.54	11.5	3.58	11.3	3.65	11.1	3.72	10.5	3.91
	-9.5	-10.0	12.4	3.54	12.1	3.58	11.9	3.61	11.6	3.69	11.4	3.76	10.8	3.95
	-8.5	-9.1	12.7	3.58	12.5	3.61	12.3	3.65	12.0	3.72	11.8	3.80	11.2	3.99
	-7.0	-7.6	13.1	3.61	12.9	3.65	12.6	3.69	12.4	3.76	12.1	3.84	11.5	4.03
	-5.0	-5.6	13.5	3.65	13.3	3.69	13.0	3.73	12.8	3.80	12.5	3.88	11.9	4.07
	-3.0	-3.7	14.0	3.69	13.7	3.73	13.4	3.76	13.2	3.84	12.9	3.92	12.2	4.11
	0.0	-0.7	14.7	3.76	14.4	3.80	14.1	3.84	13.8	3.92	13.6	4.00	12.9	4.19
	3.0	2.2	15.5	3.84	15.2	3.88	14.9	3.92	14.6	4.00	14.3	4.08	13.6	4.28
	5.0	4.1	16.3	3.92	16.0	3.96	15.7	4.00	15.3	4.08	15.0	4.16	14.3	4.37
	7.0	6.0	17.1	4.00	16.8	4.04	16.5	4.08	16.2	4.16	15.8	4.24	15.0	4.46
	9.0	7.9	17.5	4.04	17.1	4.08	16.8	4.12	16.5	4.20	16.1	4.29	15.3	4.50
	11.0	9.8	17.8	4.08	17.5	4.12	17.1	4.16	16.8	4.25	16.5	4.33	15.6	4.55
	13.0	11.8	18.2	4.12	17.8	4.16	17.5	4.20	17.1	4.29	16.8	4.37	16.0	4.59
	15.0	13.7	18.6	4.16	18.2	4.20	17.8	4.25	17.5	4.33	17.1	4.42	16.3	4.64

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	10.6	3.34	10.4	3.37	10.2	3.40	10.0	3.47	9.8	3.54	9.3	3.72
	-13.7	-15.0	11.0	3.37	10.7	3.40	10.5	3.44	10.3	3.51	10.1	3.58	9.6	3.76
	-11.8	-13.0	11.3	3.40	11.1	3.44	10.9	3.47	10.6	3.54	10.4	3.61	9.9	3.79
	-9.8	-11.0	11.6	3.44	11.4	3.47	11.2	3.51	11.0	3.58	10.7	3.65	10.2	3.83
	-9.5	-10.0	12.0	3.47	11.8	3.51	11.5	3.54	11.3	3.61	11.1	3.69	10.5	3.87
	-8.5	-9.1	12.4	3.51	12.1	3.54	11.9	3.58	11.7	3.65	11.4	3.72	10.9	3.91
	-7.0	-7.6	12.8	3.54	12.5	3.58	12.3	3.62	12.0	3.69	11.8	3.76	11.2	3.95
	-5.0	-5.6	13.2	3.58	12.9	3.62	12.6	3.65	12.4	3.73	12.1	3.80	11.5	3.99
	-3.0	-3.7	13.6	3.62	13.3	3.65	13.0	3.69	12.8	3.76	12.5	3.84	11.9	4.03
	0.0	-0.7	14.3	3.69	14.0	3.73	13.7	3.76	13.4	3.84	13.2	3.92	12.5	4.11
	3.0	2.2	15.0	3.77	14.7	3.80	14.4	3.84	14.2	3.92	13.9	4.00	13.2	4.20
	5.0	4.1	15.8	3.84	15.5	3.88	15.2	3.92	14.9	4.00	14.6	4.08	13.9	4.28
	7.0	6.0	16.6	3.92	16.3	3.96	16.0	4.00	15.7	4.08	15.4	4.16	14.6	4.37
	9.0	7.9	17.0	3.96	16.6	4.00	16.3	4.04	16.0	4.12	15.7	4.20	14.9	4.41
	11.0	9.8	17.3	4.00	17.0	4.04	16.6	4.08	16.3	4.16	16.0	4.25	15.2	4.46
	13.0	11.8	17.7	4.04	17.3	4.08	17.0	4.12	16.6	4.20	16.3	4.29	15.5	4.50
	15.0	13.7	18.0	4.08	17.7	4.12	17.3	4.16	17.0	4.25	16.6	4.33	15.8	4.55
90%	-15.0	-16.5	9.7	3.00	9.5	3.03	9.3	3.06	9.1	3.13	8.9	3.19	8.5	3.35
	-13.7	-15.0	10.0	3.03	9.8	3.06	9.6	3.09	9.4	3.16	9.2	3.22	8.7	3.38
	-11.8	-13.0	10.3	3.06	10.1	3.09	9.9	3.13	9.7	3.19	9.5	3.25	9.0	3.42
	-9.8	-11.0	10.6	3.09	10.4	3.13	10.2	3.16	10.0	3.22	9.8	3.29	9.3	3.45
	-9.5	-10.0	10.9	3.13	10.7	3.16	10.5	3.19	10.3	3.25	10.1	3.32	9.6	3.48
	-8.5	-9.1	11.3	3.16	11.0	3.19	10.8	3.22	10.6	3.29	10.4	3.35	9.9	3.52
	-7.0	-7.6	11.6	3.19	11.4	3.22	11.2	3.25	10.9	3.32	10.7	3.39	10.2	3.56
	-5.0	-5.6	12.0	3.22	11.7	3.25	11.5	3.29	11.3	3.35	11.0	3.42	10.5	3.59
	-3.0	-3.7	12.3	3.25	12.1	3.29	11.9	3.32	11.6	3.39	11.4	3.45	10.8	3.63
	0.0	-0.7	13.0	3.32	12.7	3.35	12.5	3.39	12.2	3.46	12.0	3.53	11.4	3.70
	3.0	2.2	13.7	3.39	13.4	3.42	13.1	3.46	12.9	3.53	12.6	3.60	12.0	3.78
	5.0	4.1	14.4	3.46	14.1	3.49	13.8	3.53	13.6	3.60	13.3	3.67	12.6	3.85
	7.0	6.0	15.1	3.53	14.9	3.56	14.6	3.60	14.3	3.67	14.0	3.75	13.3	3.93
	9.0	7.9	15.5	3.56	15.1	3.60	14.9	3.64	14.6	3.71	14.3	3.78	13.5	3.97
	11.0	9.8	15.8	3.60	15.5	3.64	15.1	3.67	14.8	3.75	14.5	3.82	13.8	4.01
	13.0	11.8	16.1	3.64	15.8	3.67	15.5	3.71	15.1	3.78	14.8	3.86	14.1	4.05
	15.0	13.7	16.4	3.67	16.1	3.71	15.8	3.75	15.4	3.82	15.1	3.90	14.4	4.09
80%	-15.0	-16.5	8.7	2.70	8.5	2.73	8.4	2.76	8.2	2.81	8.0	2.87	7.6	3.01
	-13.7	-15.0	9.0	2.73	8.8	2.76	8.6	2.79	8.5	2.84	8.3	2.90	7.9	3.04
	-11.8	-13.0	9.3	2.76	9.1	2.79	8.9	2.81	8.7	2.87	8.5	2.93	8.1	3.07
	-9.8	-11.0	9.5	2.79	9.4	2.81	9.2	2.84	9.0	2.90	8.8	2.96	8.4	3.10
	-9.5	-10.0	9.8	2.81	9.6	2.84	9.5	2.87	9.3	2.93	9.1	2.99	8.6	3.14
	-8.5	-9.1	10.1	2.84	9.9	2.87	9.8	2.90	9.6	2.96	9.4	3.02	8.9	3.17
	-7.0	-7.6	10.5	2.87	10.3	2.90	10.1	2.93	9.9	2.99	9.7	3.05	9.2	3.20
	-5.0	-5.6	10.8	2.90	10.6	2.93	10.4	2.96	10.2	3.02	10.0	3.08	9.5	3.23
	-3.0	-3.7	11.1	2.93	10.9	2.96	10.7	2.99	10.5	3.05	10.3	3.11	9.7	3.26
	0.0	-0.7	11.7	2.99	11.5	3.02	11.2	3.05	11.0	3.11	10.8	3.17	10.3	3.33
	3.0	2.2	12.3	3.05	12.1	3.08	11.8	3.11	11.6	3.17	11.4	3.24	10.8	3.40
	5.0	4.1	13.0	3.11	12.7	3.14	12.5	3.18	12.2	3.24	12.0	3.30	11.4	3.47
	7.0	6.0	13.7	3.18	13.4	3.21	13.1	3.24	12.9	3.30	12.6	3.37	12.0	3.54
	9.0	7.9	13.9	3.21	13.7	3.24	13.4	3.27	13.1	3.34	12.9	3.40	12.2	3.57
	11.0	9.8	14.2	3.24	13.9	3.27	13.7	3.31	13.4	3.37	13.1	3.44	12.5	3.61
	13.0	11.8	14.5	3.27	14.2	3.30	13.9	3.34	13.6	3.40	13.4	3.47	12.7	3.65
	15.0	13.7	14.8	3.30	14.5	3.34	14.2	3.37	13.9	3.44	13.6	3.51	13.0	3.68

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	7.8	2.40	7.6	2.43	7.5	2.45	7.3	2.50	7.2	2.55	6.8	2.68
	-13.7	-15.0	8.0	2.43	7.8	2.45	7.7	2.48	7.5	2.53	7.4	2.58	7.0	2.70
	-11.8	-13.0	8.2	2.45	8.1	2.48	7.9	2.50	7.8	2.55	7.6	2.60	7.2	2.73
	-9.8	-11.0	8.5	2.48	8.3	2.50	8.2	2.53	8.0	2.58	7.8	2.63	7.5	2.76
	-9.5	-10.0	8.8	2.50	8.6	2.53	8.4	2.55	8.3	2.60	8.1	2.65	7.7	2.79
	-8.5	-9.1	9.0	2.53	8.9	2.55	8.7	2.58	8.5	2.63	8.3	2.68	7.9	2.82
	-7.0	-7.6	9.3	2.55	9.1	2.58	9.0	2.60	8.8	2.66	8.6	2.71	8.2	2.84
	-5.0	-5.6	9.6	2.58	9.4	2.60	9.2	2.63	9.0	2.68	8.9	2.74	8.4	2.87
	-3.0	-3.7	9.9	2.60	9.7	2.63	9.5	2.66	9.3	2.71	9.1	2.76	8.7	2.90
	0.0	-0.7	10.4	2.66	10.2	2.68	10.0	2.71	9.8	2.76	9.6	2.82	9.1	2.96
	3.0	2.2	11.0	2.71	10.8	2.74	10.5	2.77	10.3	2.82	10.1	2.88	9.6	3.02
	5.0	4.1	11.5	2.77	11.3	2.79	11.1	2.82	10.9	2.88	10.7	2.94	10.1	3.08
	7.0	6.0	12.2	2.82	11.9	2.85	11.7	2.88	11.4	2.94	11.2	3.00	10.7	3.15
	9.0	7.9	12.4	2.85	12.2	2.88	11.9	2.91	11.7	2.97	11.4	3.03	10.9	3.18
	11.0	9.8	12.6	2.88	12.4	2.91	12.2	2.94	11.9	3.00	11.7	3.06	11.1	3.21
	13.0	11.8	12.9	2.91	12.6	2.94	12.4	2.97	12.1	3.03	11.9	3.09	11.3	3.24
	15.0	13.7	13.2	2.94	12.9	2.97	12.6	3.00	12.4	3.06	12.1	3.12	11.5	3.27
60%	-15.0	-16.5	6.8	2.10	6.7	2.12	6.5	2.14	6.4	2.19	6.3	2.23	6.0	2.34
	-13.7	-15.0	7.0	2.12	6.9	2.14	6.7	2.17	6.6	2.21	6.5	2.25	6.1	2.37
	-11.8	-13.0	7.2	2.14	7.1	2.17	6.9	2.19	6.8	2.23	6.7	2.28	6.3	2.39
	-9.8	-11.0	7.5	2.17	7.3	2.19	7.2	2.21	7.0	2.25	6.9	2.30	6.5	2.41
	-9.5	-10.0	7.7	2.19	7.5	2.21	7.4	2.23	7.2	2.28	7.1	2.32	6.7	2.44
	-8.5	-9.1	7.9	2.21	7.8	2.23	7.6	2.26	7.5	2.30	7.3	2.35	6.9	2.46
	-7.0	-7.6	8.2	2.23	8.0	2.26	7.8	2.28	7.7	2.32	7.5	2.37	7.2	2.49
	-5.0	-5.6	8.4	2.26	8.3	2.28	8.1	2.30	7.9	2.35	7.8	2.39	7.4	2.51
	-3.0	-3.7	8.7	2.28	8.5	2.30	8.3	2.32	8.2	2.37	8.0	2.42	7.6	2.54
	0.0	-0.7	9.1	2.32	9.0	2.35	8.8	2.37	8.6	2.42	8.4	2.47	8.0	2.59
	3.0	2.2	9.6	2.37	9.4	2.40	9.2	2.42	9.1	2.47	8.9	2.52	8.4	2.64
	5.0	4.1	10.1	2.42	9.9	2.44	9.7	2.47	9.5	2.52	9.3	2.57	8.9	2.70
	7.0	6.0	10.7	2.47	10.4	2.49	10.2	2.52	10.0	2.57	9.8	2.62	9.3	2.75
	9.0	7.9	10.9	2.49	10.7	2.52	10.4	2.55	10.2	2.60	10.0	2.65	9.5	2.78
	11.0	9.8	11.1	2.52	10.9	2.54	10.7	2.57	10.4	2.62	10.2	2.67	9.7	2.81
	13.0	11.8	11.3	2.54	11.1	2.57	10.9	2.60	10.6	2.65	10.4	2.70	9.9	2.84
	15.0	13.7	11.5	2.57	11.3	2.60	11.1	2.62	10.9	2.67	10.6	2.73	10.1	2.86
50%	-15.0	-16.5	5.8	1.80	5.7	1.82	5.6	1.84	5.5	1.88	5.4	1.91	5.1	2.01
	-13.7	-15.0	6.0	1.82	5.9	1.84	5.8	1.86	5.7	1.89	5.6	1.93	5.3	2.03
	-11.8	-13.0	6.2	1.84	6.1	1.86	6.0	1.88	5.9	1.91	5.7	1.95	5.4	2.05
	-9.8	-11.0	6.4	1.86	6.3	1.88	6.2	1.89	6.0	1.93	5.9	1.97	5.6	2.07
	-9.5	-10.0	6.6	1.88	6.5	1.89	6.3	1.91	6.2	1.95	6.1	1.99	5.8	2.09
	-8.5	-9.1	6.8	1.89	6.7	1.91	6.5	1.93	6.4	1.97	6.3	2.01	6.0	2.11
	-7.0	-7.6	7.0	1.91	6.9	1.93	6.7	1.95	6.6	1.99	6.5	2.03	6.2	2.13
	-5.0	-5.6	7.2	1.93	7.1	1.95	7.0	1.97	6.8	2.01	6.7	2.05	6.3	2.15
	-3.0	-3.7	7.5	1.95	7.3	1.97	7.2	1.99	7.0	2.03	6.9	2.07	6.5	2.18
	0.0	-0.7	7.8	1.99	7.7	2.01	7.5	2.03	7.4	2.07	7.2	2.12	6.9	2.22
	3.0	2.2	8.3	2.03	8.1	2.05	7.9	2.07	7.8	2.12	7.6	2.16	7.2	2.27
	5.0	4.1	8.7	2.07	8.5	2.10	8.4	2.12	8.2	2.16	8.0	2.20	7.6	2.31
	7.0	6.0	9.2	2.12	9.0	2.14	8.8	2.16	8.6	2.20	8.5	2.25	8.0	2.36
	9.0	7.9	9.3	2.14	9.2	2.16	9.0	2.18	8.8	2.23	8.6	2.27	8.2	2.38
	11.0	9.8	9.5	2.16	9.3	2.18	9.2	2.20	9.0	2.25	8.8	2.29	8.4	2.41
	13.0	11.8	9.7	2.18	9.5	2.20	9.3	2.23	9.2	2.27	9.0	2.32	8.5	2.43
	15.0	13.7	9.9	2.20	9.7	2.23	9.5	2.25	9.3	2.29	9.1	2.34	8.7	2.46

GCHV-D160W/HZR1-F01

TC: Total Capacity (kW); PI: Power Input (kW) (Compressor + Outdoor fan motor)

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	° C DB	° C WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	-15.0	-16.5	12.1	3.89	11.8	3.93	11.6	3.97	11.4	4.05	11.2	4.13	10.6	4.34
	-13.7	-15.0	12.5	3.93	12.2	3.97	12.0	4.01	11.7	4.09	11.5	4.17	10.9	4.38
	-11.8	-13.0	12.8	3.97	12.6	4.01	12.3	4.05	12.1	4.13	11.9	4.21	11.3	4.42
	-9.8	-11.0	13.2	4.01	13.0	4.05	12.7	4.09	12.5	4.17	12.2	4.26	11.6	4.47
	-9.5	-10.0	13.6	4.05	13.4	4.09	13.1	4.13	12.9	4.22	12.6	4.30	12.0	4.51
	-8.5	-9.1	14.1	4.09	13.8	4.13	13.5	4.17	13.3	4.26	13.0	4.34	12.3	4.56
	-7.0	-7.6	14.5	4.13	14.2	4.17	13.9	4.22	13.7	4.30	13.4	4.39	12.7	4.61
	-5.0	-5.6	15.0	4.17	14.7	4.22	14.4	4.26	14.1	4.34	13.8	4.43	13.1	4.65
	-3.0	-3.7	15.4	4.22	15.1	4.26	14.8	4.30	14.5	4.39	14.2	4.48	13.5	4.70
	0.0	-0.7	16.2	4.30	15.9	4.35	15.6	4.39	15.3	4.48	15.0	4.57	14.2	4.80
	3.0	2.2	17.1	4.39	16.7	4.43	16.4	4.48	16.1	4.57	15.8	4.66	15.0	4.89
	5.0	4.1	18.0	4.48	17.6	4.53	17.3	4.57	16.9	4.66	16.6	4.76	15.8	4.99
	7.0	6.0	18.9	4.57	18.6	4.62	18.2	4.66	17.8	4.76	17.5	4.85	16.6	5.10
	9.0	7.9	19.3	4.62	18.9	4.66	18.6	4.71	18.2	4.80	17.8	4.90	16.9	5.15
	11.0	9.8	19.7	4.66	19.3	4.71	18.9	4.76	18.5	4.85	18.2	4.95	17.3	5.20
	13.0	11.8	20.1	4.71	19.7	4.76	19.3	4.81	18.9	4.90	18.5	5.00	17.6	5.25
	15.0	13.7	20.5	4.76	20.1	4.80	19.7	4.85	19.3	4.95	18.9	5.05	18.0	5.30
120%	-15.0	-16.5	11.9	3.82	11.6	3.86	11.4	3.89	11.2	3.97	10.9	4.05	10.4	4.25
	-13.7	-15.0	12.2	3.86	12.0	3.89	11.7	3.93	11.5	4.01	11.3	4.09	10.7	4.30
	-11.8	-13.0	12.6	3.89	12.4	3.93	12.1	3.97	11.9	4.05	11.6	4.13	11.0	4.34
	-9.8	-11.0	13.0	3.93	12.7	3.97	12.5	4.01	12.2	4.09	12.0	4.18	11.4	4.38
	-9.5	-10.0	13.4	3.97	13.1	4.01	12.9	4.05	12.6	4.14	12.4	4.22	11.7	4.43
	-8.5	-9.1	13.8	4.01	13.5	4.05	13.3	4.10	13.0	4.18	12.7	4.26	12.1	4.47
	-7.0	-7.6	14.2	4.05	14.0	4.10	13.7	4.14	13.4	4.22	13.1	4.30	12.5	4.52
	-5.0	-5.6	14.7	4.10	14.4	4.14	14.1	4.18	13.8	4.26	13.5	4.35	12.9	4.56
	-3.0	-3.7	15.1	4.14	14.8	4.18	14.5	4.22	14.2	4.31	14.0	4.39	13.3	4.61
	0.0	-0.7	15.9	4.22	15.6	4.26	15.3	4.31	15.0	4.39	14.7	4.48	14.0	4.70
	3.0	2.2	16.8	4.31	16.4	4.35	16.1	4.39	15.8	4.48	15.5	4.57	14.7	4.80
	5.0	4.1	17.6	4.40	17.3	4.44	17.0	4.48	16.6	4.57	16.3	4.67	15.5	4.90
	7.0	6.0	18.6	4.48	18.2	4.53	17.9	4.58	17.5	4.67	17.1	4.76	16.3	5.00
	9.0	7.9	18.9	4.53	18.6	4.58	18.2	4.62	17.8	4.71	17.5	4.81	16.6	5.05
	11.0	9.8	19.3	4.58	18.9	4.62	18.6	4.67	18.2	4.76	17.8	4.86	16.9	5.10
	13.0	11.8	19.7	4.62	19.3	4.67	18.9	4.71	18.6	4.81	18.2	4.91	17.3	5.15
	15.0	13.7	20.1	4.67	19.7	4.71	19.3	4.76	18.9	4.86	18.6	4.95	17.6	5.20
110%	-15.0	-16.5	11.6	3.74	11.4	3.78	11.2	3.82	11.0	3.90	10.7	3.97	10.2	4.17
	-13.7	-15.0	12.0	3.78	11.8	3.82	11.5	3.86	11.3	3.94	11.1	4.01	10.5	4.21
	-11.8	-13.0	12.4	3.82	12.1	3.86	11.9	3.90	11.6	3.98	11.4	4.05	10.8	4.26
	-9.8	-11.0	12.7	3.86	12.5	3.90	12.2	3.94	12.0	4.02	11.8	4.10	11.2	4.30
	-9.5	-10.0	13.1	3.90	12.9	3.94	12.6	3.98	12.4	4.06	12.1	4.14	11.5	4.34
	-8.5	-9.1	13.5	3.94	13.3	3.98	13.0	4.02	12.8	4.10	12.5	4.18	11.9	4.39
	-7.0	-7.6	14.0	3.98	13.7	4.02	13.4	4.06	13.2	4.14	12.9	4.22	12.2	4.43
	-5.0	-5.6	14.4	4.02	14.1	4.06	13.8	4.10	13.6	4.18	13.3	4.26	12.6	4.48
	-3.0	-3.7	14.8	4.06	14.5	4.10	14.3	4.14	14.0	4.22	13.7	4.31	13.0	4.52
	0.0	-0.7	15.6	4.14	15.3	4.18	15.0	4.22	14.7	4.31	14.4	4.39	13.7	4.61
	3.0	2.2	16.4	4.22	16.1	4.27	15.8	4.31	15.5	4.40	15.2	4.48	14.4	4.71
	5.0	4.1	17.3	4.31	17.0	4.35	16.6	4.40	16.3	4.49	16.0	4.58	15.2	4.80
	7.0	6.0	18.2	4.40	17.9	4.44	17.5	4.49	17.2	4.58	16.8	4.67	16.0	4.90
	9.0	7.9	18.6	4.44	18.2	4.49	17.9	4.53	17.5	4.62	17.2	4.72	16.3	4.95
	11.0	9.8	19.0	4.49	18.6	4.53	18.2	4.58	17.9	4.67	17.5	4.76	16.6	5.00
	13.0	11.8	19.3	4.53	19.0	4.58	18.6	4.62	18.2	4.72	17.8	4.81	17.0	5.05
	15.0	13.7	19.7	4.58	19.3	4.62	19.0	4.67	18.6	4.76	18.2	4.86	17.3	5.10

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
100%	-15.0	-16.5	11.3	3.67	11.1	3.71	10.9	3.74	10.6	3.82	10.4	3.90	9.9	4.09
	-13.7	-15.0	11.6	3.71	11.4	3.74	11.2	3.78	11.0	3.86	10.7	3.94	10.2	4.13
	-11.8	-13.0	12.0	3.74	11.8	3.78	11.5	3.82	11.3	3.90	11.1	3.98	10.5	4.17
	-9.8	-11.0	12.4	3.78	12.1	3.82	11.9	3.86	11.7	3.94	11.4	4.02	10.8	4.22
	-9.5	-10.0	12.8	3.82	12.5	3.86	12.3	3.90	12.0	3.98	11.8	4.06	11.2	4.26
	-8.5	-9.1	13.1	3.86	12.9	3.90	12.6	3.94	12.4	4.02	12.1	4.10	11.5	4.30
	-7.0	-7.6	13.6	3.90	13.3	3.94	13.0	3.98	12.8	4.06	12.5	4.14	11.9	4.35
	-5.0	-5.6	14.0	3.94	13.7	3.98	13.4	4.02	13.2	4.10	12.9	4.18	12.3	4.39
	-3.0	-3.7	14.4	3.98	14.1	4.02	13.8	4.06	13.6	4.14	13.3	4.22	12.6	4.43
	0.0	-0.7	15.2	4.06	14.9	4.10	14.6	4.14	14.3	4.22	14.0	4.31	13.3	4.52
	3.0	2.2	16.0	4.14	15.6	4.18	15.3	4.23	15.0	4.31	14.7	4.40	14.0	4.62
	5.0	4.1	16.8	4.23	16.5	4.27	16.2	4.31	15.8	4.40	15.5	4.49	14.7	4.71
	7.0	6.0	17.7	4.31	17.3	4.36	17.0	4.40	16.7	4.49	16.3	4.58	15.5	4.81
	9.0	7.9	18.0	4.36	17.7	4.40	17.3	4.44	17.0	4.53	16.7	4.62	15.8	4.85
	11.0	9.8	18.4	4.40	18.0	4.44	17.7	4.49	17.3	4.58	17.0	4.67	16.1	4.90
90%	-15.0	-16.5	10.3	3.30	10.1	3.34	9.9	3.37	9.7	3.44	9.5	3.51	9.0	3.68
	-13.7	-15.0	10.6	3.34	10.4	3.37	10.2	3.40	10.0	3.47	9.8	3.54	9.3	3.72
	-11.8	-13.0	10.9	3.37	10.7	3.40	10.5	3.44	10.3	3.51	10.1	3.58	9.6	3.76
	-9.8	-11.0	11.3	3.40	11.0	3.44	10.8	3.47	10.6	3.54	10.4	3.61	9.9	3.79
	-9.5	-10.0	11.6	3.44	11.4	3.47	11.2	3.51	10.9	3.58	10.7	3.65	10.2	3.83
	-8.5	-9.1	12.0	3.47	11.7	3.51	11.5	3.54	11.3	3.61	11.0	3.69	10.5	3.87
	-7.0	-7.6	12.3	3.51	12.1	3.54	11.9	3.58	11.6	3.65	11.4	3.72	10.8	3.91
	-5.0	-5.6	12.7	3.54	12.5	3.58	12.2	3.62	12.0	3.69	11.7	3.76	11.2	3.95
	-3.0	-3.7	13.1	3.58	12.9	3.62	12.6	3.65	12.3	3.73	12.1	3.80	11.5	3.99
	0.0	-0.7	13.8	3.65	13.5	3.69	13.3	3.73	13.0	3.80	12.7	3.88	12.1	4.07
	3.0	2.2	14.5	3.73	14.2	3.77	14.0	3.80	13.7	3.88	13.4	3.96	12.7	4.15
	5.0	4.1	15.3	3.80	15.0	3.84	14.7	3.88	14.4	3.96	14.1	4.04	13.4	4.24
	7.0	6.0	16.1	3.88	15.8	3.92	15.5	3.96	15.2	4.04	14.9	4.12	14.1	4.33
	9.0	7.9	16.4	3.92	16.1	3.96	15.8	4.00	15.5	4.08	15.2	4.16	14.4	4.37
	11.0	9.8	16.7	3.96	16.4	4.00	16.1	4.04	15.8	4.12	15.5	4.20	14.7	4.41
80%	-15.0	-16.5	9.3	2.97	9.1	3.00	8.9	3.03	8.7	3.09	8.5	3.16	8.1	3.31
	-13.7	-15.0	9.5	3.00	9.4	3.03	9.2	3.06	9.0	3.13	8.8	3.19	8.4	3.35
	-11.8	-13.0	9.8	3.03	9.6	3.06	9.5	3.09	9.3	3.16	9.1	3.22	8.6	3.38
	-9.8	-11.0	10.1	3.06	9.9	3.09	9.8	3.13	9.6	3.19	9.4	3.25	8.9	3.42
	-9.5	-10.0	10.5	3.09	10.3	3.13	10.1	3.16	9.9	3.22	9.7	3.29	9.2	3.45
	-8.5	-9.1	10.8	3.13	10.6	3.16	10.4	3.19	10.2	3.25	10.0	3.32	9.5	3.48
	-7.0	-7.6	11.1	3.16	10.9	3.19	10.7	3.22	10.5	3.29	10.3	3.35	9.7	3.52
	-5.0	-5.6	11.5	3.19	11.2	3.22	11.0	3.25	10.8	3.32	10.6	3.39	10.0	3.56
	-3.0	-3.7	11.8	3.22	11.6	3.25	11.4	3.29	11.1	3.35	10.9	3.42	10.4	3.59
	0.0	-0.7	12.4	3.29	12.2	3.32	12.0	3.35	11.7	3.42	11.5	3.49	10.9	3.66
	3.0	2.2	13.1	3.35	12.8	3.39	12.6	3.42	12.3	3.49	12.1	3.56	11.5	3.74
	5.0	4.1	13.8	3.42	13.5	3.46	13.2	3.49	13.0	3.56	12.7	3.63	12.1	3.82
	7.0	6.0	14.5	3.49	14.2	3.53	13.9	3.56	13.7	3.64	13.4	3.71	12.7	3.89
	9.0	7.9	14.8	3.53	14.5	3.56	14.2	3.60	13.9	3.67	13.7	3.75	13.0	3.93
	11.0	9.8	15.1	3.56	14.8	3.60	14.5	3.64	14.2	3.71	13.9	3.78	13.2	3.97
	13.0	11.8	15.4	3.60	15.1	3.64	14.8	3.67	14.5	3.75	14.2	3.82	13.5	4.01
	15.0	13.7	15.7	3.63	15.4	3.67	15.1	3.71	14.8	3.78	14.5	3.86	13.8	4.05

Combination (%) (Capacity index)	Outdoor Air temperature		Indoor temperature(° C DB)											
			16		18		20		21		22		24	
	° C DB	° C WB	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW	TC kW	PI kW
70%	-15.0	-16.5	8.2	2.64	8.1	2.67	7.9	2.70	7.8	2.75	7.6	2.81	7.2	2.95
	-13.7	-15.0	8.5	2.67	8.3	2.70	8.2	2.72	8.0	2.78	7.8	2.83	7.5	2.98
	-11.8	-13.0	8.8	2.70	8.6	2.72	8.4	2.75	8.3	2.81	8.1	2.86	7.7	3.01
	-9.8	-11.0	9.0	2.72	8.9	2.75	8.7	2.78	8.5	2.83	8.3	2.89	7.9	3.04
	-9.5	-10.0	9.3	2.75	9.1	2.78	8.9	2.81	8.8	2.86	8.6	2.92	8.2	3.07
	-8.5	-9.1	9.6	2.78	9.4	2.81	9.2	2.84	9.0	2.89	8.9	2.95	8.4	3.10
	-7.0	-7.6	9.9	2.81	9.7	2.84	9.5	2.86	9.3	2.92	9.1	2.98	8.7	3.13
	-5.0	-5.6	10.2	2.84	10.0	2.86	9.8	2.89	9.6	2.95	9.4	3.01	8.9	3.16
	-3.0	-3.7	10.5	2.86	10.3	2.89	10.1	2.92	9.9	2.98	9.7	3.04	9.2	3.19
	0.0	-0.7	11.1	2.92	10.9	2.95	10.6	2.98	10.4	3.04	10.2	3.10	9.7	3.26
	3.0	2.2	11.7	2.98	11.4	3.01	11.2	3.04	11.0	3.10	10.8	3.17	10.2	3.32
	5.0	4.1	12.3	3.04	12.0	3.07	11.8	3.10	11.6	3.17	11.3	3.23	10.8	3.39
	7.0	6.0	12.9	3.10	12.7	3.14	12.4	3.17	12.2	3.23	11.9	3.30	11.3	3.46
	9.0	7.9	13.2	3.14	12.9	3.17	12.7	3.20	12.4	3.26	12.2	3.33	11.5	3.50
	11.0	9.8	13.4	3.17	13.2	3.20	12.9	3.23	12.7	3.30	12.4	3.36	11.8	3.53
	13.0	11.8	13.7	3.20	13.4	3.23	13.2	3.26	12.9	3.33	12.6	3.40	12.0	3.57
60%	15.0	13.7	14.0	3.23	13.7	3.26	13.4	3.30	13.2	3.36	12.9	3.43	12.3	3.60
	-15.0	-16.5	7.2	2.31	7.1	2.34	6.9	2.36	6.8	2.41	6.7	2.45	6.3	2.58
	-13.7	-15.0	7.4	2.34	7.3	2.36	7.2	2.38	7.0	2.43	6.9	2.48	6.5	2.60
	-11.8	-13.0	7.7	2.36	7.5	2.38	7.4	2.41	7.2	2.46	7.1	2.50	6.7	2.63
	-9.8	-11.0	7.9	2.38	7.8	2.41	7.6	2.43	7.5	2.48	7.3	2.53	6.9	2.66
	-9.5	-10.0	8.2	2.41	8.0	2.43	7.8	2.46	7.7	2.51	7.5	2.56	7.2	2.68
	-8.5	-9.1	8.4	2.43	8.2	2.46	8.1	2.48	7.9	2.53	7.8	2.58	7.4	2.71
	-7.0	-7.6	8.7	2.46	8.5	2.48	8.3	2.51	8.2	2.56	8.0	2.61	7.6	2.74
	-5.0	-5.6	8.9	2.48	8.8	2.51	8.6	2.53	8.4	2.58	8.3	2.63	7.8	2.77
	-3.0	-3.7	9.2	2.51	9.0	2.53	8.9	2.56	8.7	2.61	8.5	2.66	8.1	2.79
	0.0	-0.7	9.7	2.56	9.5	2.58	9.3	2.61	9.1	2.66	9.0	2.71	8.5	2.85
	3.0	2.2	10.2	2.61	10.0	2.64	9.8	2.66	9.6	2.72	9.4	2.77	9.0	2.91
	5.0	4.1	10.8	2.66	10.5	2.69	10.3	2.72	10.1	2.77	9.9	2.83	9.4	2.97
	7.0	6.0	11.3	2.72	11.1	2.74	10.9	2.77	10.7	2.83	10.4	2.88	9.9	3.03
	9.0	7.9	11.5	2.74	11.3	2.77	11.1	2.80	10.9	2.86	10.7	2.91	10.1	3.06
	11.0	9.8	11.8	2.77	11.5	2.80	11.3	2.83	11.1	2.88	10.9	2.94	10.3	3.09
50%	13.0	11.8	12.0	2.80	11.8	2.83	11.5	2.86	11.3	2.91	11.1	2.97	10.5	3.12
	15.0	13.7	12.3	2.83	12.0	2.86	11.8	2.88	11.5	2.94	11.3	3.00	10.7	3.15
	-15.0	-16.5	6.2	1.98	6.1	2.00	6.0	2.02	5.8	2.06	5.7	2.10	5.4	2.21
	-13.7	-15.0	6.4	2.00	6.3	2.02	6.2	2.04	6.0	2.08	5.9	2.13	5.6	2.23
	-11.8	-13.0	6.6	2.02	6.5	2.04	6.3	2.06	6.2	2.10	6.1	2.15	5.8	2.25
	-9.8	-11.0	6.8	2.04	6.7	2.06	6.5	2.08	6.4	2.13	6.3	2.17	6.0	2.28
	-9.5	-10.0	7.0	2.06	6.9	2.08	6.7	2.11	6.6	2.15	6.5	2.19	6.2	2.30
	-8.5	-9.1	7.2	2.08	7.1	2.11	7.0	2.13	6.8	2.17	6.7	2.21	6.3	2.32
	-7.0	-7.6	7.5	2.11	7.3	2.13	7.2	2.15	7.0	2.19	6.9	2.23	6.5	2.35
	-5.0	-5.6	7.7	2.13	7.5	2.15	7.4	2.17	7.2	2.21	7.1	2.26	6.7	2.37
	-3.0	-3.7	7.9	2.15	7.8	2.17	7.6	2.19	7.5	2.24	7.3	2.28	6.9	2.39
	0.0	-0.7	8.3	2.19	8.2	2.21	8.0	2.24	7.9	2.28	7.7	2.33	7.3	2.44
	3.0	2.2	8.8	2.24	8.6	2.26	8.4	2.28	8.3	2.33	8.1	2.37	7.7	2.49
	5.0	4.1	9.2	2.28	9.1	2.31	8.9	2.33	8.7	2.38	8.5	2.42	8.1	2.54
	7.0	6.0	9.7	2.33	9.5	2.35	9.4	2.38	9.2	2.42	9.0	2.47	8.5	2.60
	9.0	7.9	9.9	2.35	9.7	2.38	9.5	2.40	9.3	2.45	9.2	2.50	8.7	2.62
	11.0	9.8	10.1	2.38	9.9	2.40	9.7	2.42	9.5	2.47	9.3	2.52	8.9	2.65
	13.0	11.8	10.3	2.40	10.1	2.42	9.9	2.45	9.7	2.50	9.5	2.55	9.1	2.67
	15.0	13.7	10.5	2.42	10.3	2.45	10.1	2.47	9.9	2.52	9.7	2.57	9.2	2.70

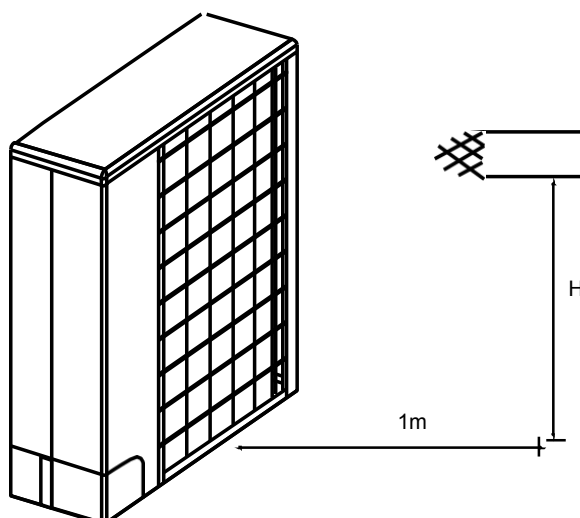
Note:

1. is tested under our standard condition.
2. In heating mode, avoid running the unit when the outdoor air temperature is below -15 degrees.
3. The above table shows the average value of conditions may operate.

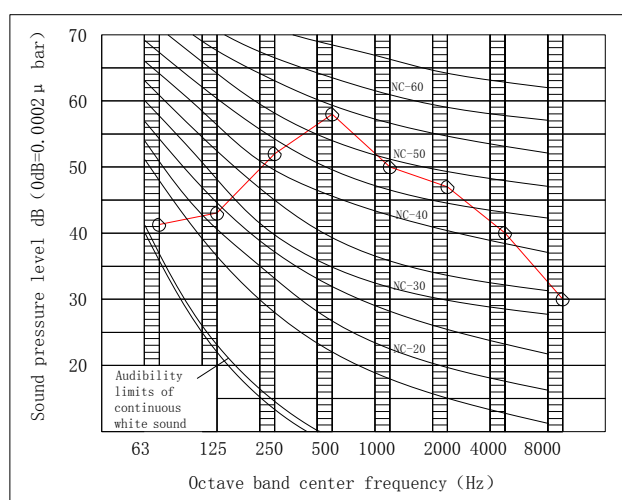
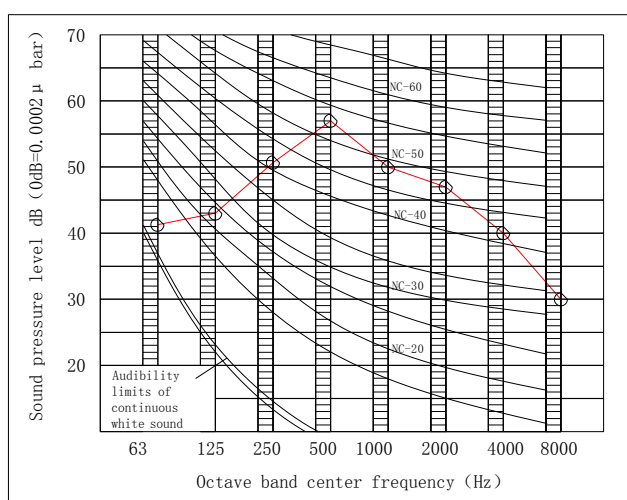
8. Electric Characteristics

Capacity (kW)	Power Supply	Power Line (mm ²)	Breaker/Fuse (A)	Signal Wire between Indoor and Outdoor Units (mm)
8/10	220-240V 50Hz/60Hz	3 × 4.0	40/30	three-core shielded cable 3 × 1.0 (two-core shielded cable 2 × 1.0)
12.5/14/16	220-240V 50Hz/60Hz	3 × 6.0	63/45	
12.5/14/16	380-415V 50Hz/60Hz	5 × 2.5	25/20	

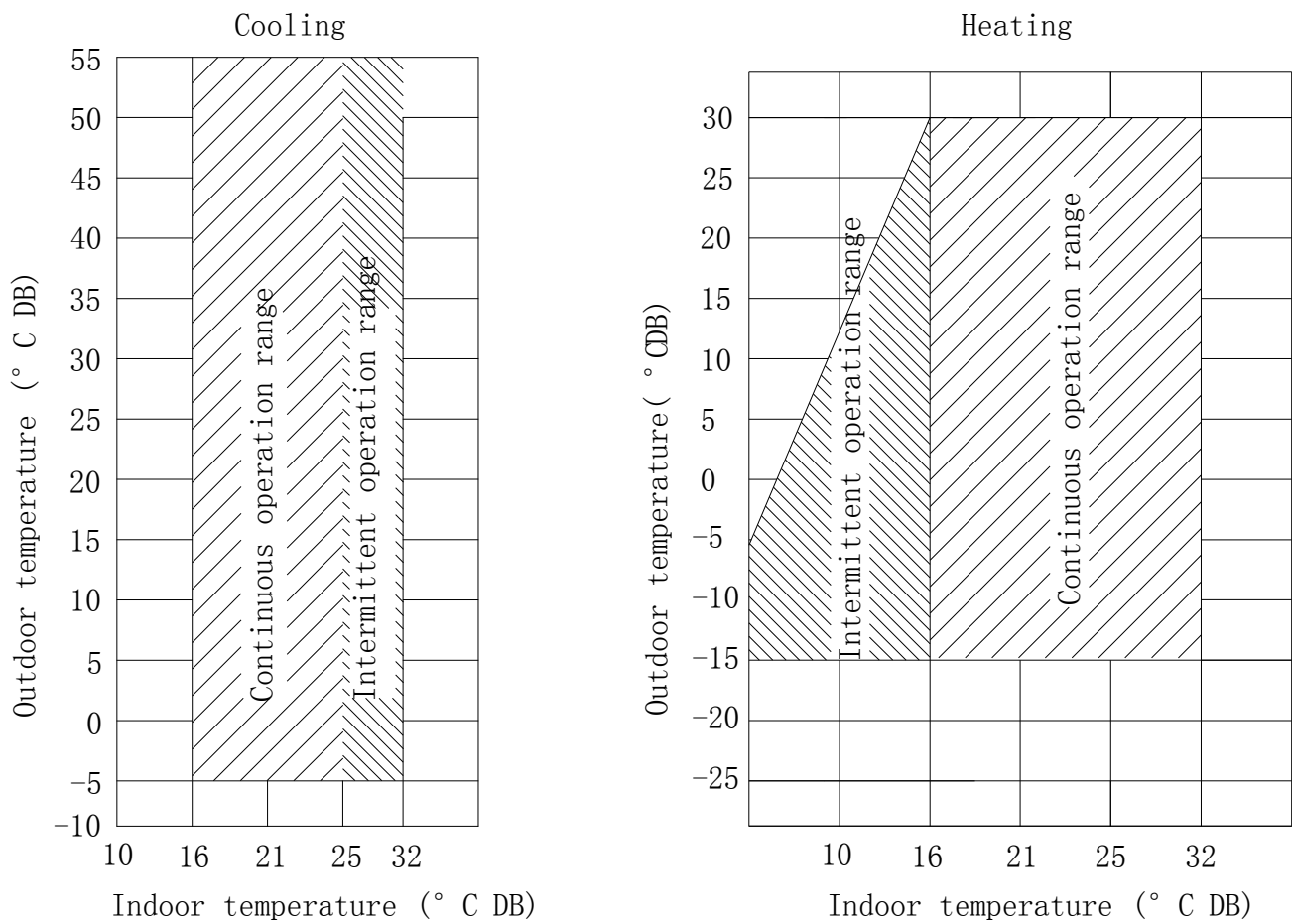
9. Sound Levels



Model	Sound level dB(A)	Height (m)
CHV-DH080W/R1	54	1
CHV-DH100W/R1	56	1
CHV-DH125W/R1	56	1
CHV-DH140W/R1	57	1
CHV-DH160W/R1	57	1
GCHV-D125W/HZR1-D01	56	1
GCHV-D140W/HZR1-F01	57	1
GCHV-D160W/HZR1-F01	57	1



10. Operation Limits



Operation mode	Outdoor temperature	Indoor temperature
Cooling	-5°C - 55°C	16°C - 32°C
Heating	-15°C - 30°C	16°C - 32°C

Part 3

Installation

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1. Precautions

1.1 This air conditioner is a comfortable unit. Don't use it in some special places for machine rooms, precise instruments, foods, plants, animals, artworks, etc.

(1)The installation shall be done by the distributor or the professional staff. The installation staff must have related professional knowledge. Misoperation in the self-installation will result in fire, electric shock, injury, water leak, etc.

(2)If the air conditioner is installed in a small room, some proper measures shall be taken to make sure that the concentration of refrigerant leak in the room shall not exceed the critical level. For detailed measures, please consult the distributor.

(3)When connecting the power supply, comply with the regulations specified by the local power company. According to the law, the ground wire must be connected. The misconnection of the ground wire will result in electric shock.

(4)If the air conditioner needs to be moved or reinstalled, please inform the distributor or the professional staff to operate. Incorrect installation will result in fire, electric shock, injury, water leak, etc.

(5)The users are not permitted to rebuild or repair the air conditioner by their own. Incorrect repair will result in fire, electric shock, injury, water leak, etc.. Please inform the distributor or the professional staff to repair.

1.2 NOTE

(1) Make sure the water drainage ditch is useable.

(2)Make sure a current leakage protection switch is equipped. The current leakage protection switch must be equipped. If not, an electric shock will take place.

(3)It mustn't be installed in any potential leakage location of inflammable gas. In case of the inflammable gas leak around the outdoor unit, a fire takes place.

(4) Make sure the foundation and hoisting are firm and reliable. If not, it will result in a falling accident.

(5)Make sure all cables are correctly connected. The misconnection of the cables will result in the damage of electrical components.

(6)Pre-installation exposure to water or other moistures will result in short circuit of its electrical components.. Don't store it in any damp cellar or expose it to rain or water.

(7)In case of the refrigerant leaks during installation, the room must be ventilated at once. If the leaked refrigerant is exposed to flame, some toxic gases will be generated.

(8) After installation, make sure the refrigerant is not leaked.

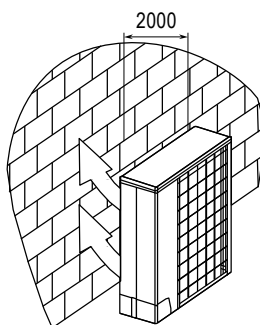
(9)If the refrigerant gas in the room is exposed to flame source, such as a heater, a stove or an electric cooker, some toxic gases will be generated..

(10) A lightning protection device must be equipped according to national laws and regulations against the lightning strike.

2. Outdoor Unit Installation

2.1 Installation space selection

- (1) Install the outdoor unit at a place where discharge air is not blocked. When an outdoor unit is installed in a place that is always exposed. There also should be enough space for installation and maintenance.
- (2) To a strong wind like a coast or on the high store of a building, secure a normal fan operation by using a duct or a wind shield.
- (3) When installing the outdoor unit in a place that is constantly exposed to a strong wind such as the upper stairs or rooftop of a building, apply the windproof measures referring to the following examples.
- (4) Install the unit so that its discharge port faces to the wall of the building. Keep a distance 2000mm or more between the unit and the wall surface.



- (5) Supposing the wind direction during the operation season of the discharge port is set at right angle to the wind direction.
- (6) Do not install the unit in a place full of machine oil.
- (7) Do not install the unit in a place where high-frequency radio waves are likely to be.

2.2 Hoisting of outdoor unit

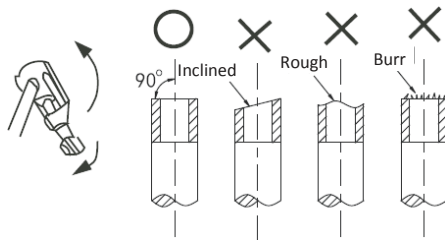
- (1) Don't remove any package upon hoisting. Two ropes (more than 8cm) shall be used to hoist the well-packaged machine stably and safely. If there is no package or the packaging material is broken, use some backing plates or packaging materials to protect the machine.
- (2) The outdoor unit shall be carried and hoisted vertically, within an inclination of less than 15 degrees. Care should be taken to safety during carrying and hoisting the machine.
- (3) The gravity of the machine is not in the center, so be careful to hoist the machine.
- (4) Don't hold the suction inlet of the housing, or it will be deformed.

3. Piping Installation

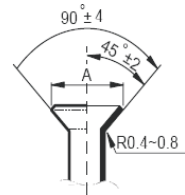
3.1 Piping connection

(1) Flaring

Use a pipe cutter to cut the refrigerant pipe and a pipe expander to flare

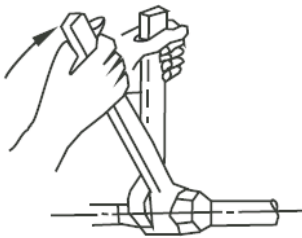


Outer Diameter (mm)	A(mm)	
	Maximum	Minimum
Φ6.35	8.7	8.3
Φ9.52	12.4	12.0
Φ12.7	15.8	15.4
Φ15.88	19.0	18.6



2) Fastening nut

Align the connecting pipe, tighten it by hand, and then by awrench.

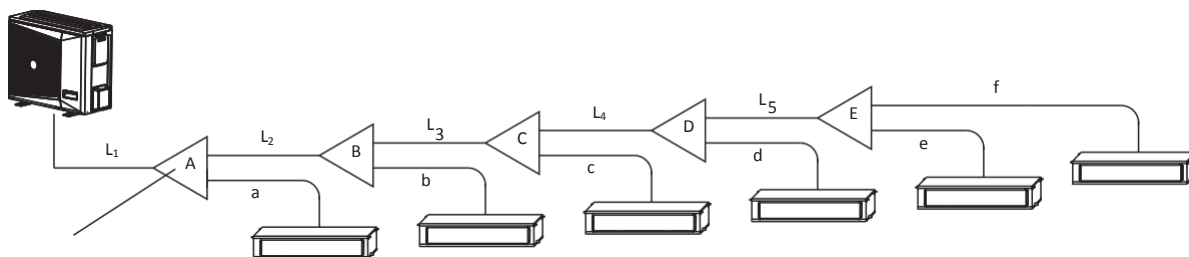


Pipe Dimension (mm)	Tightening Torque (Nm)
Φ6.35	14.2~17.2(144~176 kgf•cm)
Φ9.52	32.7~39.9(333~407 kgf•cm)
Φ12.7	49.5~60.3(504~616 kgf•cm)
Φ15.88	61.8~75.4(630~770 kgf•cm)

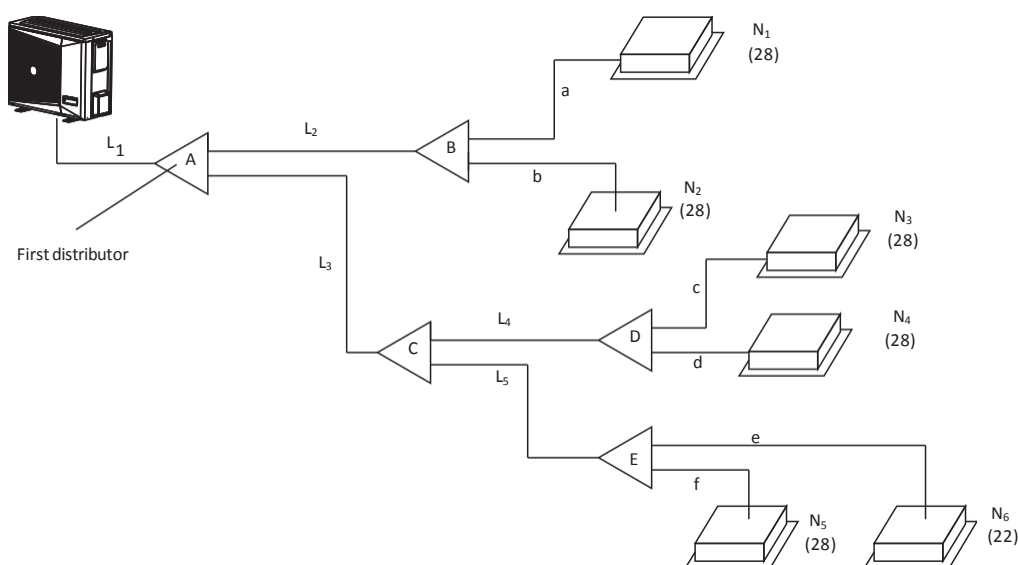
3.2 Set refrigerant pipe dimension and pipe connecting steps

Name of Pipes	Connecting Position of Pipe	Code
Main pipe	Pipe between the outdoor unit and the first distributor at the indoor unit side	L ₁
Main pipe of indoor unit	Pipe behind the first distributor at the indoor side and indirectly connected to the indoor unit	L ₂ ~L ₅
Branch pipe of indoor unit	Pipe behind the distributor and directly connected to the indoor unit	A,b,c,d,e,f
Distributor components of indoor unit	Pipe components to connect the main pipe, main branch pipe and branch pipe	A,B,C,D,E

(1) Connecting model



(2) Connecting model II



3.3 Determination of main pipe (L1) diameter

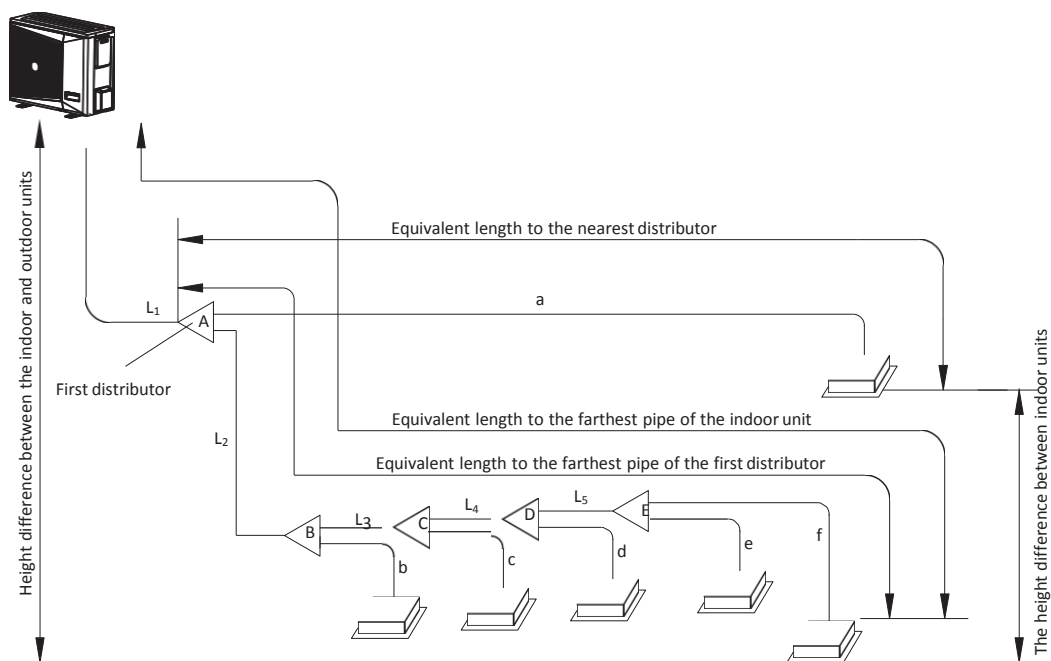
Capacity of Outdoor Unit (kW)	Pipe				
	Dimension of Main Pipe (mm)				
	L ₁ <30m		L ₁ ≥30m		First distributor
	Liquid pipe	Gas pipe	Liquid pipe	Gas pipe	
8	Φ9.52	Φ15.88	Φ9.52	Φ19.05	SP-FQG-N01D
10	Φ9.52	Φ15.88	Φ9.52	Φ19.05	SP-FQG-N01D
12.5/14/16	Φ9.52	Φ15.88	Φ9.52	Φ19.05	SP-FQG-N01D

3.4 Determination of main pipe (L2-L5) diameter

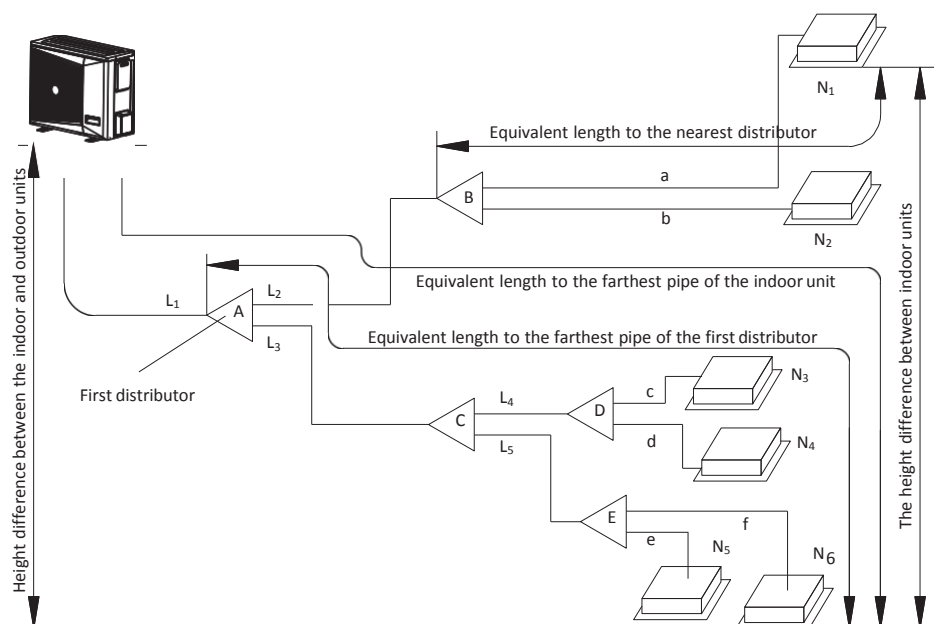
Capacity of Downstream Indoor Unit (kW)	Length of Downstream Equivalent Pipe		
	Dimension of main pipe of indoor unit		Applicable to distributor
	Liquid pipe	Gas pipe	
$W < 6.5$	$\Phi 9.52$	$\Phi 12.7$	SP-FQG-N01D
$6.5 \leq W < 18$	$\Phi 9.52$	$\Phi 15.88$	SP-FQG-N01D
$18 \leq W < 22$	$\Phi 9.52$	$\Phi 19.05$	SP-FQG-N01D

3.5 Allowable length and level difference of refrigerant pipe

(1) Connecting mode I



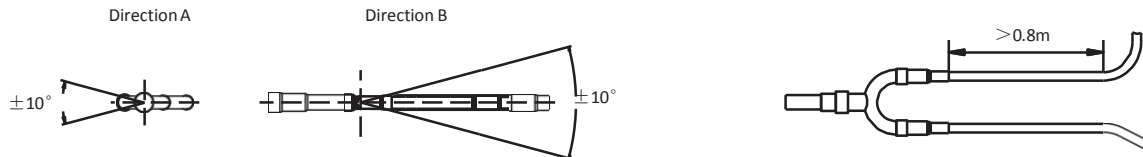
(2) Connecting mode II



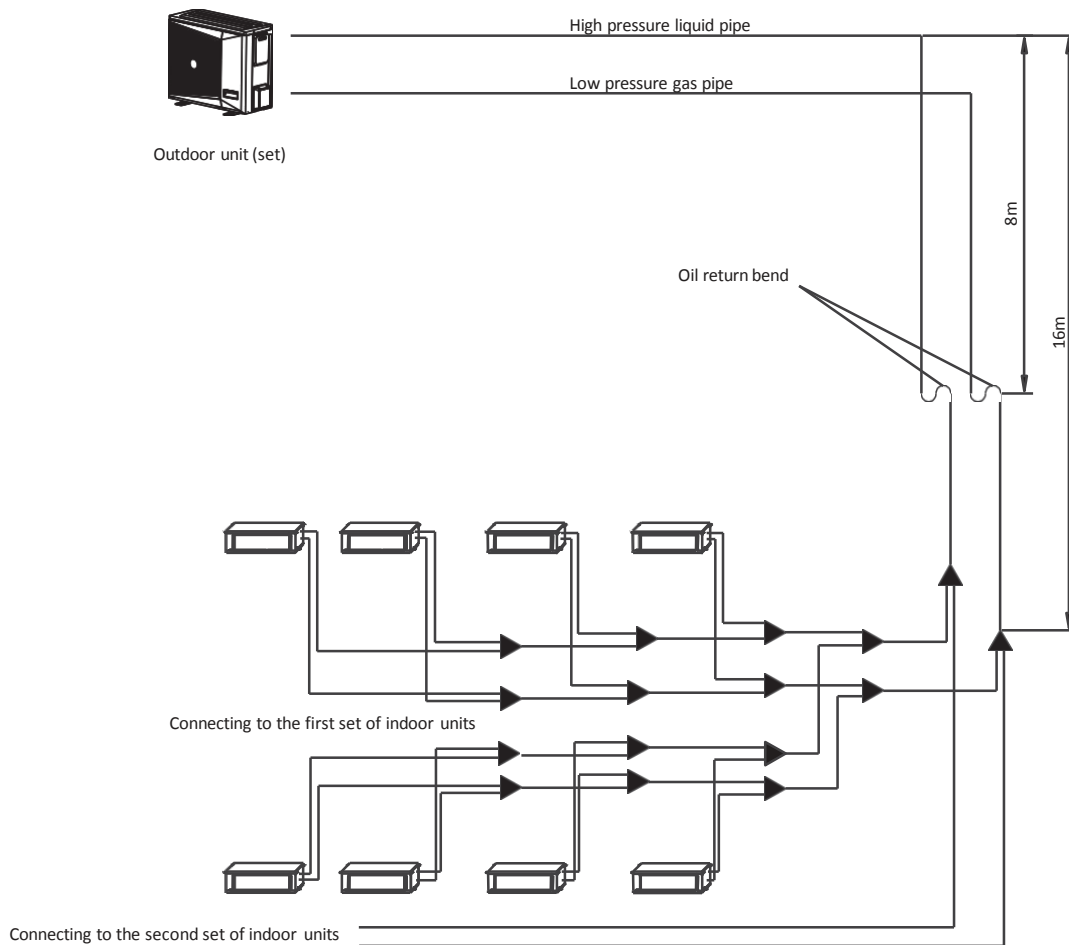
Total Pipe Length		≤100m	$L_1+L_2+L_3+L_4+L_5+a+b+c+d+e+f$
Length of the farthest pipe L	Actual length	≤60m	$L_1+L_2+L_3+L_4+L_5+f$ (connecting mode I) or $L_1+L_3+L_5+f$ (connecting mode II)
	Equivalent length	≤70m	
Equivalent length to the farthest pipe of the first distributor		≤20m	$L_2+L_3+L_4+L_5+f$ (connecting mode I) or L_3+L_5+f (connecting mode II)
Equivalent length to the nearest distributor		≤15m	a, b, c, d, e, f
Height difference between indoor and outdoor units	Outdoor upper	≤30m	-
	Outdoor lower	≤20m	-
Height difference between the indoor units		≤8m	-

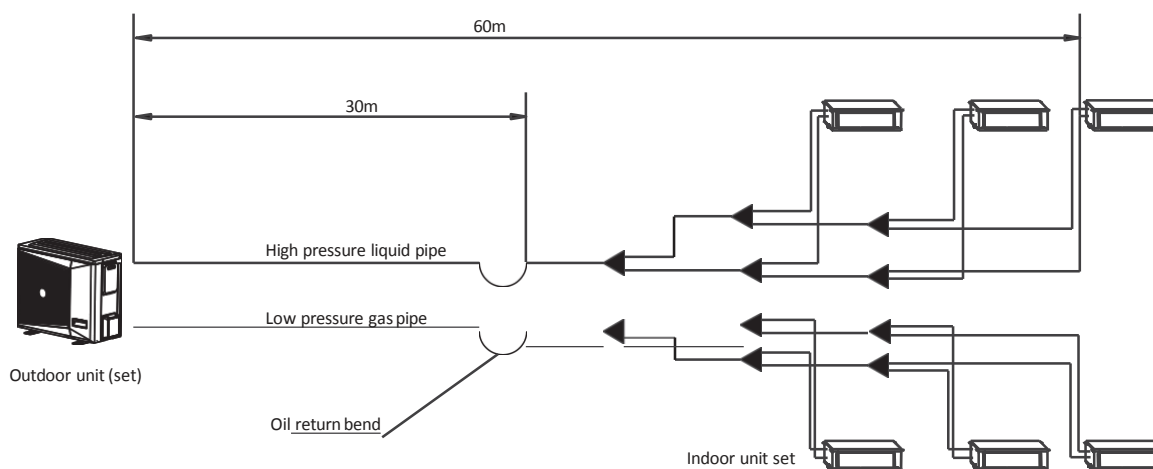
3.6 Installation of distributor

- (1) The distributor shall use U-type or Y-type, instead of T-type.
- (2) The distributor shall be installed horizontally, with the deviation angle of no greater than $\pm 10^\circ$.
- (3) The distributor cannot be turned directly, with the straight pipe of no less than 0.8m.



3.7 Oil return bend settings





3.8 Remove Dirt or Water in the Piping

Make sure there is no any dirt or water before connecting the piping to the outdoor units. Wash the piping with high pressure nitrogen, never use refrigerant of outdoor unit.

3.9 Airtight Test

(1) After the refrigerant pipe is installed and connected to the indoor unit, and before the connecting pipes between the indoor and outdoor units are connected to the valves of the outdoor units, refill the nitrogen with the pressure of 40kgf/cm² (4.0MPa) from the gas side and the fluid side simultaneously, mark the pressure value, and then perform 24-hour air tightness test.

(2) If the pressure drops, recheck the leakage of all interfaces and then maintain the pressure for 24 hours.

(3) Don't connect with the outdoor unit during maintaining the pressure.

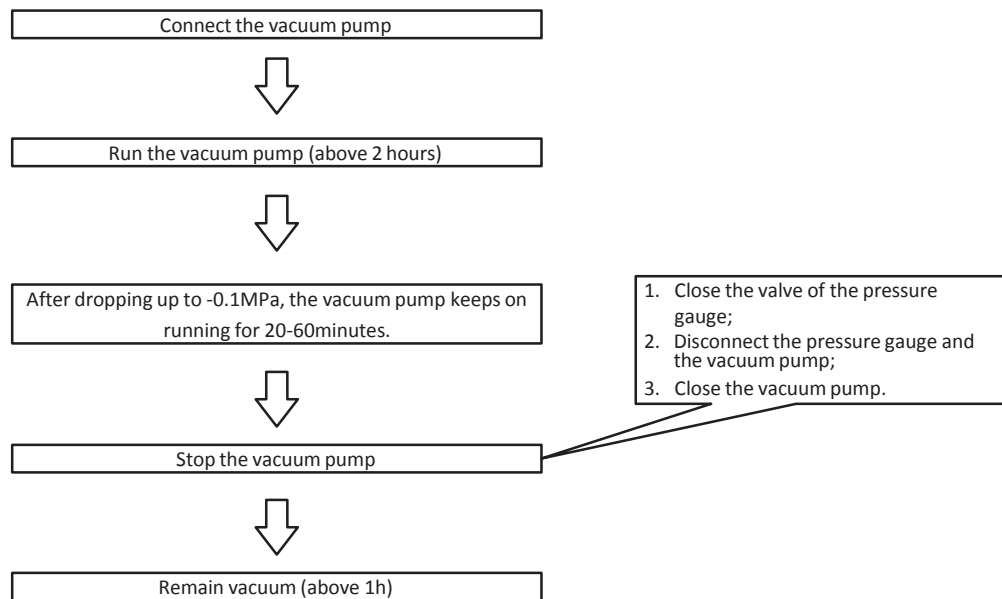
3.10 Vacuum

(1) The vacuum pump has the vacuum degree of less than -0.1MPa and the air displacement of more than 40L/min.

(2) It is unnecessary to vacuumize the outdoor unit. Don't open the check valves at the gas side and the liquid side of the outdoor unit.

(3) Make sure the vacuum pump can drop up to -0.1MPa within 2 hours; if it fails to drop up to -0.1MPa after 3 hours, check moisture or airleak.

(4) The vacuum pump must have a check valve. Make sure there is no any dirt or water before connecting the piping to the outdoor units. Wash the piping with high pressure nitrogen, never use refrigerant of outdoor unit.



3.11 Additional refrigerant charge

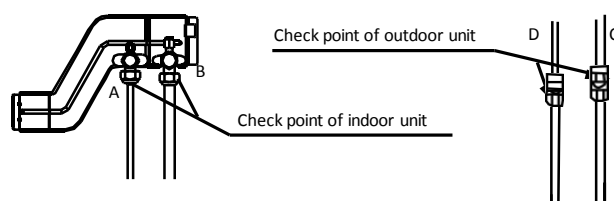
The additional refrigerant (R410A) charge is calculated according to the diameter and length of the pipe at the liquid side of the indoor and outdoor units.

Diameters of pipe at the liquid side (mm)	Additional refrigerant charge equal to the length of 1m pipe (unit: kg)
φ6.35	0.022
φ9.52	0.054

Note: The R410A refrigerant must be weighed by an electronic scale and filled in the liquid state.

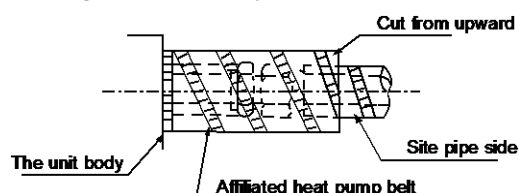
3.12 Leakage detection

Use soap water or leakage detector to check every joint whether leaks or not.



3.13 Heat Insulation

Do the heat insulation to the pipes of gas side and liquid side separately. The temperature of the pipes of gas side and liquid side when cooling, for avoiding condensation please do the heat insulation fully.

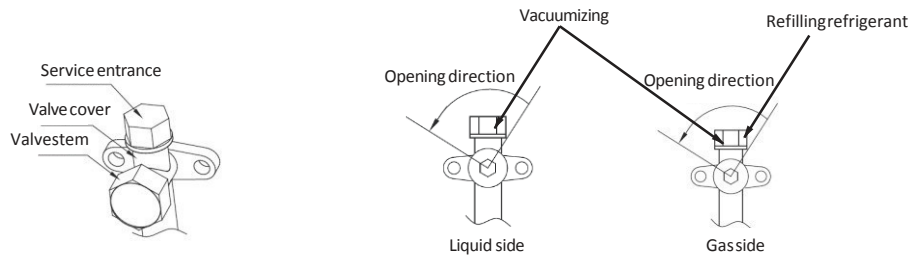


3.14 Stop valve instructions

(1) It is closed when leaving the factory, open the valve counterclockwise or close the valve clockwise with a 6mm socket head wrench.

(2) After completing the operation, tighten the valve cover.

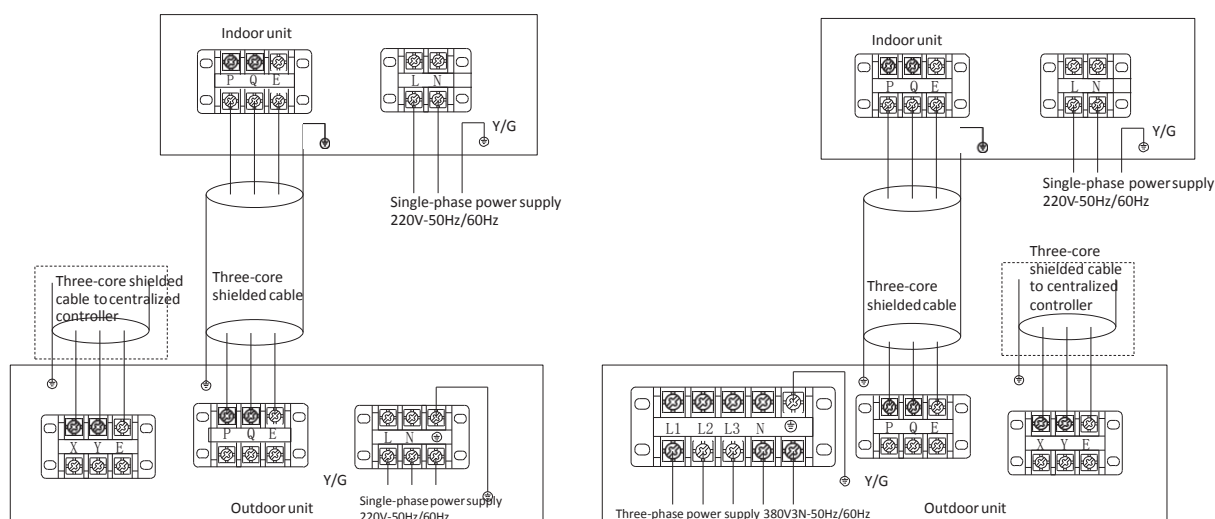
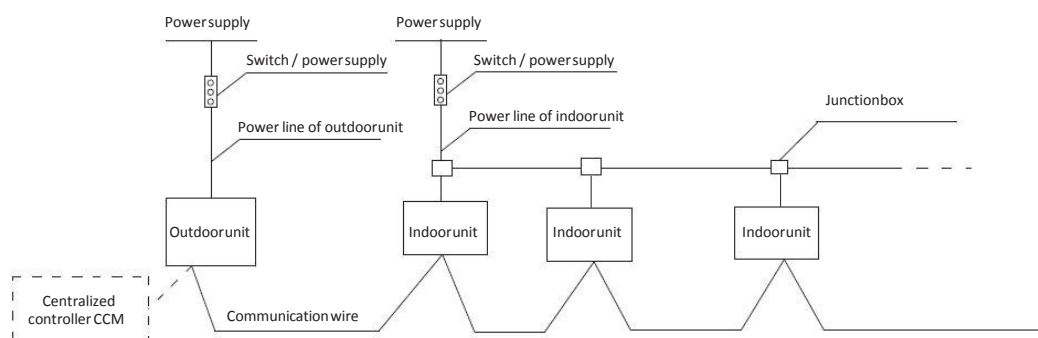
(3) R410A special tool shall be used to vacuumize the valve and fill the refrigerant at the service entrance. Fill the refrigerant at the service entrance at the gas side, and vacuumize the valve at the service entrance at the liquid side and the gas side simultaneously.



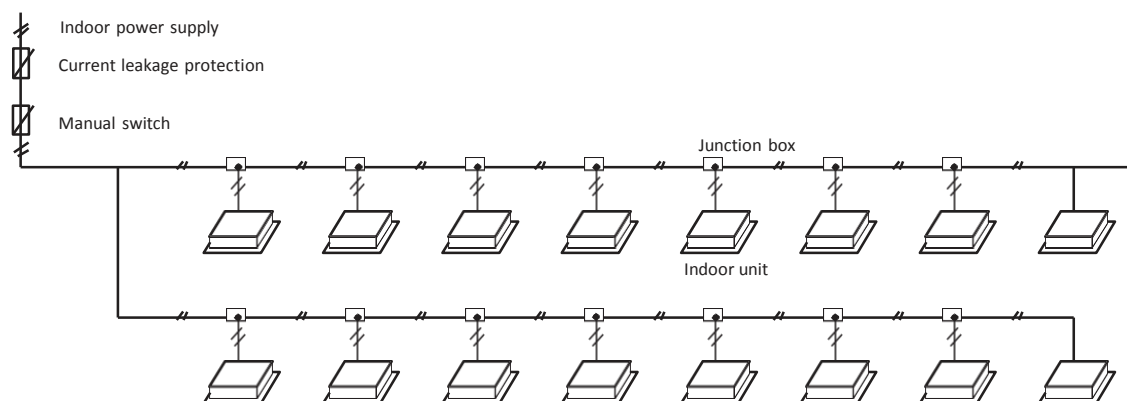
4. Electric Wiring Installations

4.1 Outdoor unit wiring

Capacity (kW)	Power Supply	Power Line (mm ²)	Breaker/Fuse (A)	Signal Wire between Indoor and Outdoor Units (mm)
8/10	220-240V 50Hz/60Hz	3 × 4.0	40/30	three-core shielded cable 3 × 1.0 (two-core shielded cable 2 × 1.0)
12.5/14/16	220-240V 50Hz/60Hz	3 × 6.0	63/45	
12.5/14/16	380-415V 50Hz/60Hz	5 × 2.5	25/20	



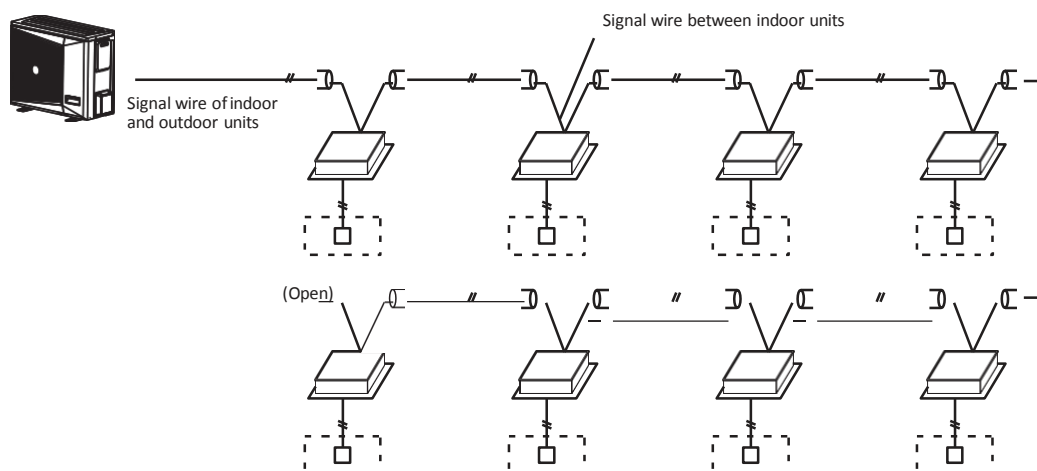
4.2 Indoor unit power supply wiring



When the power wire is parallel to the signal wire, please put the electrical wires into their own wire pipes, with proper wire spacing (10A or below: 300mm, 50A or below: 500mm).

Capacity (kW)		2.2-16
Indoor unit power	Phase	Single phase
	Frequency and Voltage	220-240V~50Hz
	Power wiring(mm ²)	3×1.0
Circuit Breaker (A)		16
Indoor unit/Outdoor unit Signal wire (Weak electric signal) (mm ²)		3-core shielded wire 3X0.75

4.3 Indoor unit signal wiring



- (1) Please select power source for indoor unit and outdoor unit respectively.
- (2) The power supply has specified branch circuit with leakage protector and manual switch. Indoor unit connect with power supply which is 220-240V~50Hz. Outdoor unit connect with power supply which is 220-240V~50Hz (Please set all the indoor unit power supply of one system into the same circuit. It should turn on or shut down the unit at the same time, otherwise, the service life would affect seriously, even the unit may not turn on.)
- (3) Please put the connective wire system between indoor unit and outdoor unit with the refrigerant system together.
- (4) Use 3-core shielded cable as indoor and outdoor control wire.
- (5) Power wiring should be engaged by professional electrician.

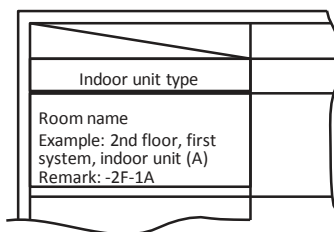
5. Test Running

5.1 Inspection and confirmation before debugging

- (1) Check and make sure the refrigerating pipeline and communication line connecting with the indoor and outdoor units are connected with the same refrigerating system. Otherwise, some running faults occur.
- (2) The power supply voltage is within the rated voltage of $\pm 10\%$.
- (3) Check and make sure the power supply line and the control line are correctly connected.
- (4) Before power-on, make sure there is no short circuit.
- (5) Check if all units have passed 24-hour nitrogen pressure-maintaining (40kgf/cm²) test.
- (6) Make sure the debugged system is fully vacuumized, dried and filled with the refrigerant as specified.

5.2 Preparation before debugging

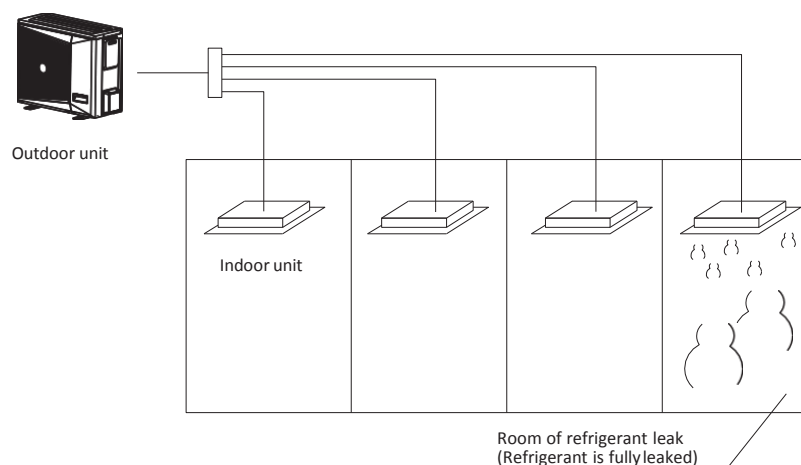
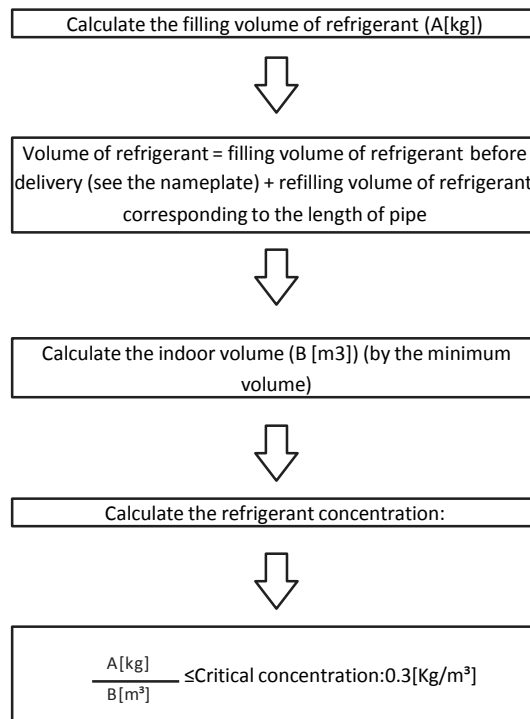
- (1) Prepare the required refrigerant. Calculate the refilling volume of refrigerant for each set of units according to the length of on-site liquid pipe.
- (2) Prepare the system plan, system piping diagram and control wiring diagram. Mark the set address codes on the system plan.
- (3) Turn on the power supply switch of the outdoor unit in advance, and make sure it is power-on for more than 12 hours, so that the heater heats the compressor oil.
- (4) Fully open air pipe check valve, liquid pipe check valve and oil balance valve of the outdoor unit. If they are fully opened, the machine may be damaged.
- (5) Check if the power supply phase sequence of the outdoor unit is correct. Check if all dialing switches of the indoor and outdoor units are set according to the technical requirements of the product.
- (6) When the multiple indoor units are arranged, in order to distinguish the connecting systems of indoor and outdoor units, all systems shall be named respectively and recorded on the nameplate on the electronic control box cover of the outdoor unit.



6. Precautions on Refrigerant Leakage

6.1 Inspection and confirmation before debugging

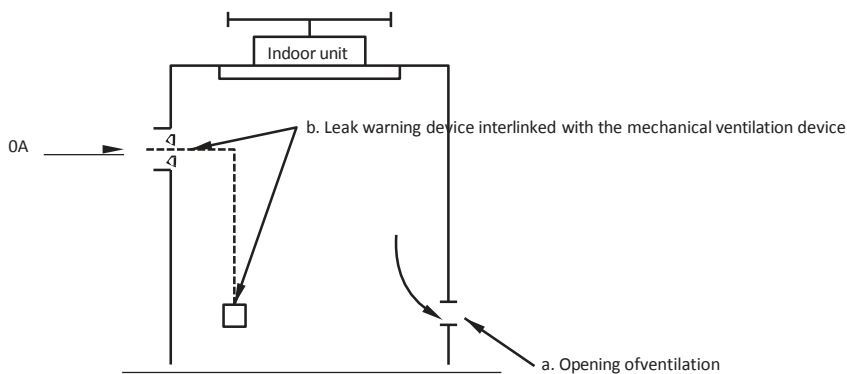
- (1) The refrigerant of the air conditioner is harmless and nonflammable.
- (2) The room for the air conditioner shall have an appropriate space. In case of refrigerant leak, it cannot go beyond the critical concentration. In addition, necessary measures can be taken.
- (3) The critical gas concentration harmless to the human body is 0.3 kg/m³.
- (4) Confirm the critical concentration according to the following steps and take corresponding measures.



(5) Measures against exceeding the critical concentration.

a) To reduce the refrigerant concentration below the critical concentration, install a mechanical ventilation device (for frequent ventilation).

b) If frequent ventilation cannot be performed, please install a leak warning device interlinked with the mechanical ventilation device.



(The leak warning device shall be installed in the gathering place of refrigerant.)

Part 4

Troubleshooting

1 Exploded Views 108

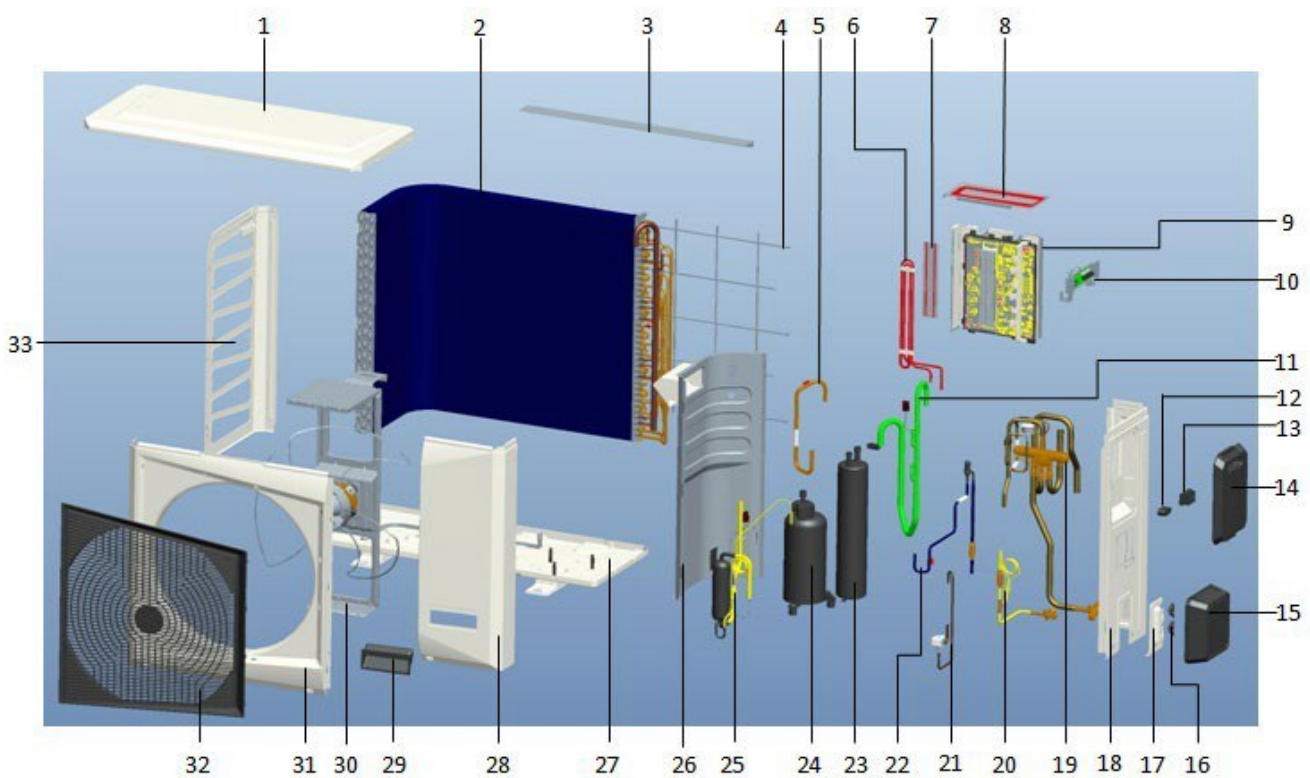
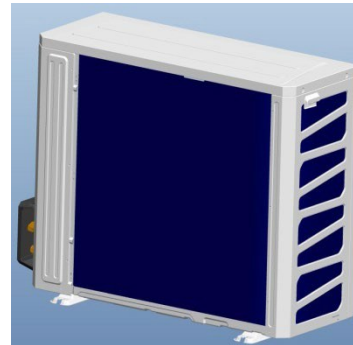
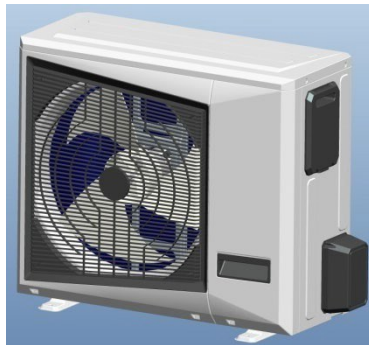
2 PCB Ports Instructions 110

3 Dialing Setting 112

4 Error Code Table 114

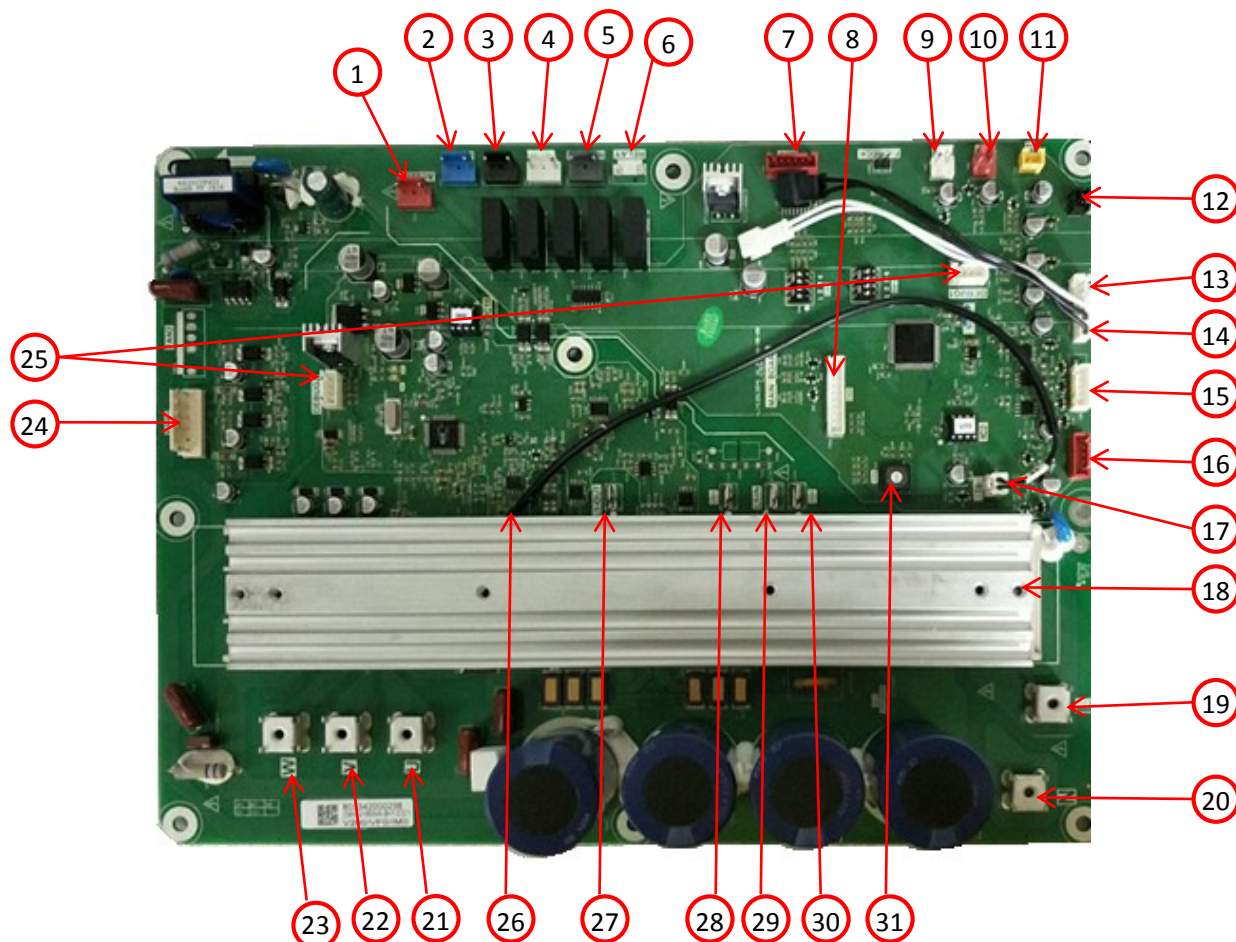
5 Troubleshooting..... 115

1. Exploded Views



No.	Part name	Quantity	No.	Part name	Quantity
1	Top cover cotton component	1	16	Seat plate sealing cover	2
2	Condenser part	1	17	Seat plate	1
2.1	Condenser assembly	1	18	Right side panel	1
2.2	Condenser gas collection component	1	19	Four-way valve component	1
2.3	Condenser splitter assembly	1	20	High pressure valve component	1
2.4	Condenser supercooled outlet	1	21	Solenoid valve component	1
3	Top beam	1	22	Electronic expansion valve component	1
4	Wire back mesh	1	23	Gas-liquid separator	1
5	Exhaust pipe assembly	1	24	Inverter compressor	1
6	Refrigerant heat pipe parts	1	25	Oil separator component	1
7	Radiator cover	1	26	Middle partition part	1
8	Electric control box cover	1	27	Chassis welding assembly	1
9	Electronic control part	1	28	Maintenance board sticking component	1
9.1	Electric control mounting plate riveting assembly	1	29	Little hand	1
9.2	Main control board mounting assembly	1	30	Motor component	1
9.3	Filter board mounting assembly	1	30.1	Motor bracket assembly	1
9.4	Overpass groove	1	30.2	DC motor mounting plate assembly	1
10	Communication board installation component	1	30.3	Single axis outdoor DC motor	1
11	Return air pipe component	1	30.4	Axial flow blade	1
12	Crimping button	1	31	Front panel	1
13	Terminal block	1	32	Air outlet net cover	1
14	Large hand sticking components	1	33	Left side board	1
15	Stop valve cover	1			

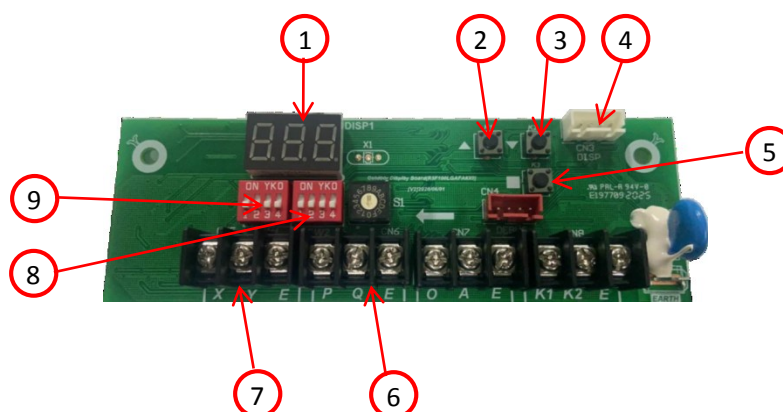
2. PCB Ports Instructions



PCB ports instruction:

No.	Content	Remark
1	AC220V	220V AC output interface
2	4-WAY	4-way valve interface
3	SV2	Injection cooling valve interface
4	SV3	Low temp. heating bypass valve interface
5	HEAT	Electric heating interface
6	RLY	Relay
7	EXV	Electronic expansion valve interface
8	CN26	Terminal for inspection signal wire
9	LP	Low pressure switch signal
10	HP	High pressure switch signal
11	T7	Refrigerant heat pipe temperature
12	T3B	Condenser middle temperature
13	T5	Compressor exhaust temperature
14	T3&T4	Condenser outlet/ Ambient temperature
15	COMM	Terminal for communication signal wire
16	CN24	Filter board control interface
17	T6	Radiator temperature
18	Refrigerant radiator	----
19	L	----
20	N	----
21	U	Inverter compressor
22	V	Inverter compressor
23	W	Inverter compressor
24	FAN1	Fan interface
25	DEBUG 1/2	----

No.	Content	Remark
26	TEM-M	Radiator temperature sensor
27	L1-OUT	PFC inductor_1 output
28	L2-OUT	PFC inductor_2 output
29	L1-IN	PFC inductor_1 input
30	L2-IN	PFC inductor_2 input
31	SW4	Outdoor unit capacity


PCB ports instruction:

No.	Content	Remark
1	Outdoor digital display	Display running parameter or error code
2	▲	Inspection-up button
3	▼	Inspection-down button
4	CN3	Communication port
5	■	Forced cooling (Commissioning)
6	P, Q, E	Indoor unit communication interface
7	X, Y, E	Centralized control interface
8	SW2	Outdoor unit running mode selection
9	SW1	Silent mode selection

3. Dialing Setting

3.1 Silent mode choosing by SW1 dialing definition

Dialing	Silent Mode
ON  1 2	Standard Mode (Factory default)
ON  1 2	Forced Silent Mode
ON  1 2	Night Silent Mode
ON  1 2	Reserved

3.2 Night time choosing by SW1 dialing definition

Dialing	Night Time
ON  3 4	6/10 (Factory default)
ON  3 4	6/12
ON  3 4	8/10
ON  3 4	8/12

3.3 Priority mode choosing by SW2 dialing definition

Dialing	Priority Mode
ON  1 2 3	Automatic mode priority (Factory default)
ON  1 2 3	Heating mode priority
ON  1 2 3	Cooling mode priority
ON  1 2 3	Only heating mode
ON  1 2 3	Only cooling mode
ON  1 2 3	VIP+Automatic priority
ON  1 2 3	First start mode priority

3.4 Define outdoor unit capacityby S1 dialing



The number you dial means the capacity of outdoor unit selected

Dialing	Capacity
1	8kW
2	10kW
3	/
4	12.5kW
5	14kW
6	16kW

3.5 Inspection Instructions of Outdoor Unit for CHV* Series

No.		Display contents	Remarks
0	0	Current frequency / Quantity of indoor units	Display quantity of online indoor units when standby
1	1-	Capacity of outdoor unit	80, 100, 112, 120, 140, 160, 180
2	2-	Operation mode	0: off/fan; 2: cooling; 3: heating; 4: forced cooling
3	3-	Total capacity demand of indoor unit	
4	4-	Actual capacity demand revised by outdoor unit	
5	5-	Actual running capacity of outdoor unit	
6	6-	Fan status(fan speed)	0-8
7	7-	T2/T2B average temperature	T2B average when cooling, T2 average when heating
8	8-	T3 condenser outlet temperature	
9	9-	T3B condenser middle temperature	
10	10-	T4 ambient temperature	
11	11-	TP exhaust temperature	
12	12-	T6/T9 module temperature	
13	13-	T7/TS refrigerant cooling inlet pipe temperature	
14	14-	Electronic expansion valve opening degree	Actual value=display value*8
15	15-	AC current	
16	16-	DC current	
17	17-	AC voltage	
18	18-	DC voltage	Actual value=display value*4
19	19-	Quantity of indoor units	
20	20-	Quantity of operating indoor units	
21	21-	Priority mode	0: Auto; 1: heating priority; 2: cooling priority; 3: only heating; 4: only cooling; 5: First start priority; 6: VIP+auto priority
22	22-	Reserved	
23	23-	Reserved	
24	24-	Reserved	
25	25-	Reserved	
26	26-	Frequency limit display	0: No frequency limit; 1: T3B frequency limit; 2: T4 frequency limit; 4: T5 frequency limit; 8: Voltage frequency limit; 16: Current frequency limit; 32: T6 frequency limit; 64: Silent frequency limit(will displaytotal if there are multiple frequency limits)
27	27-	Last failure or protection code	No protection or fault display---
28	28-	Program version	
29	29-	EEPROM version	

4. Error Code Table

Fault Code	Fault Contents	Remarks
E1	Outdoor unit phase sequence fault	
E2	Communication fault between indoor unit and outdoor unit	20-minute break at first or 2-minute break later
E4	T4 ambient temperature sensor fault	
E6	T3 condenser pipe temperature sensor fault (outlet)	
E8	TP exhaust temperature sensor fault	
E9	AC over-voltage / under-voltage protection	
E10	EEPROM fault	
EA	T3B condenser temperature sensor fault (middle)	
Eb	Reserved	
EC	T7/TS refrigerant cooling pipe inlet temperature sensor fault	
E.E	Model error(there is no dialing model in the EEPROM)	
H0	Communication fault between master chip and DSP	
H4	Display P6 (IPM module protection) for 3 times within 30 minutes	
H5	Display P2 (Low pressure protection) for 3 times within 30 minutes	20-minute break at first or 2-minute break later
H6	Display P4 (TP Exhaust temperature protection) for 3 times within 100minutes	Only restore after power on again
H7	The decrease in quantity of indoor unit	Indoor units are lost for more than 3 minutes. It can't be restored until quantity of indoor units are restored.
H9	Display P9 (DC fan protection) for 2 times within 10 minutes	Only restore after power on again
H10	Display P3 (Overcurrent protection) for 3 times within 60minutes	Only restore after power on again
H11	Display P13 protection for 2 times within 10 minutes	Only restore after power on again
H12	Display Pb protection for 3 times within 60 minutes	
P1	High pressure protection	
P2	Low pressure protection	
P3	Overcurrent protection	
P4	Exhaust overheating protection	
P5	T3 or T3B condenser pipe overheating protection	
P6	IPM protection	
P9	DC fan fault	
P10	Anti-typhoon protection	
P11	T2 high temperature protection when in heating mode	
P12	T3 overheating protection	
P13	Current detection error protection	Effective for 12.5, 14,16, 18kW; no such fault for 8 and 10kW
L0	DC compressor module fault	
L1	DC low voltage protection	
L2	DC high voltage protection	
L4	MCE fault / synchronous / closed loop	
L5	Zero speed protection	
L6	Reserved	
L7	Compressor phase loss protection	
L8	Protection when the speed change at the previous moment and the latter moment is greater than or equal to 15Hz	
L9	Protection when the difference of set speed and actual operation speed is greater than or equal to 15Hz	
Pb	Refrigerant cooling module temperature is too high	

5. Troubleshooting

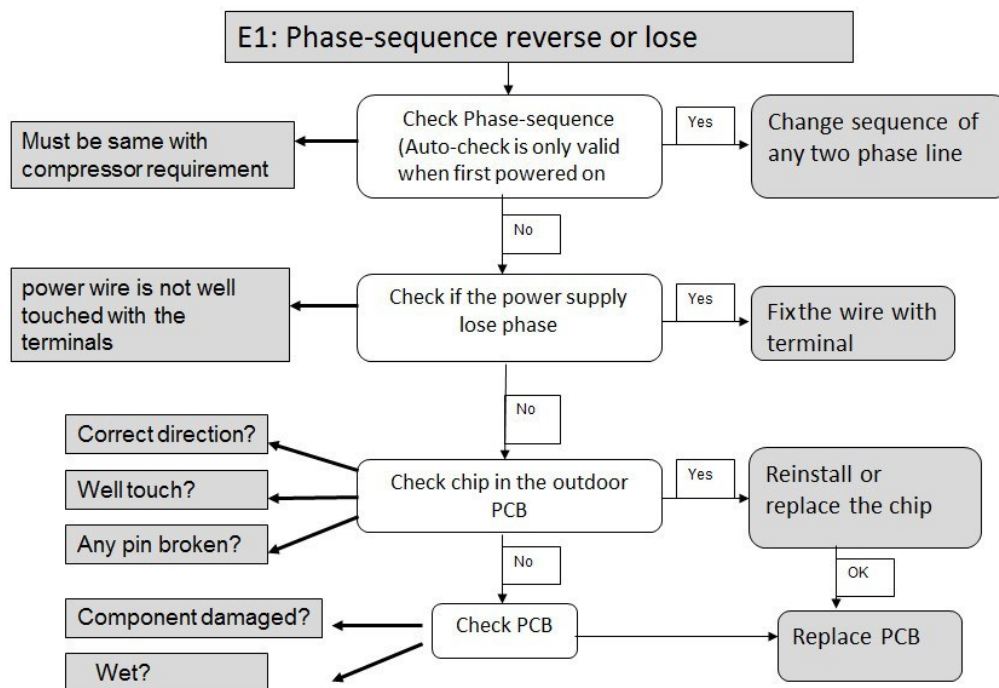
1. Warning

Warning

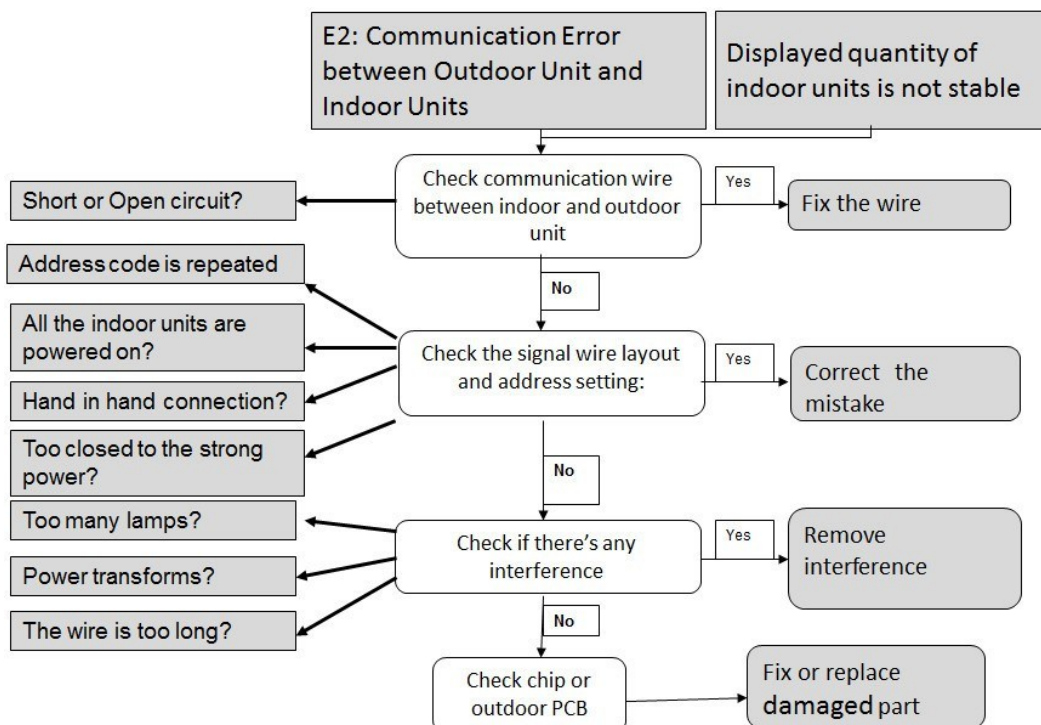


- All electrical work must be carried out by competent and suitably qualified, certified and accredited professionals and in accordance with all applicable legislation (all national, local and other laws, standards, codes, rules, regulations and other legislation that apply in a given situation).
- Power-off the outdoor units before connecting or disconnecting any connections or wiring, otherwise electric shock (which can cause physical injury or death) may occur or damage to components may occur.

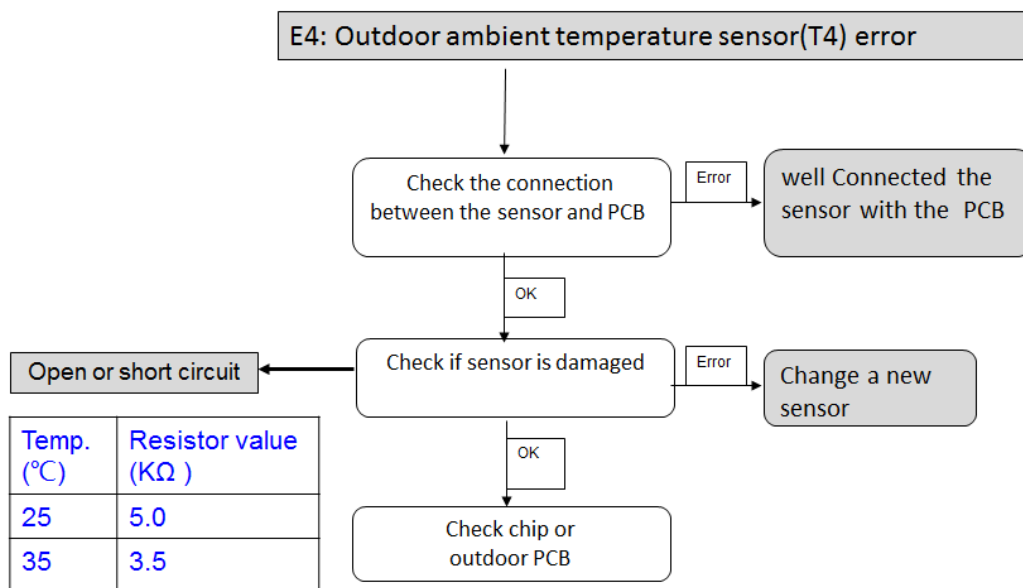
5.2 E1: Outdoor unit phase-sequence fault



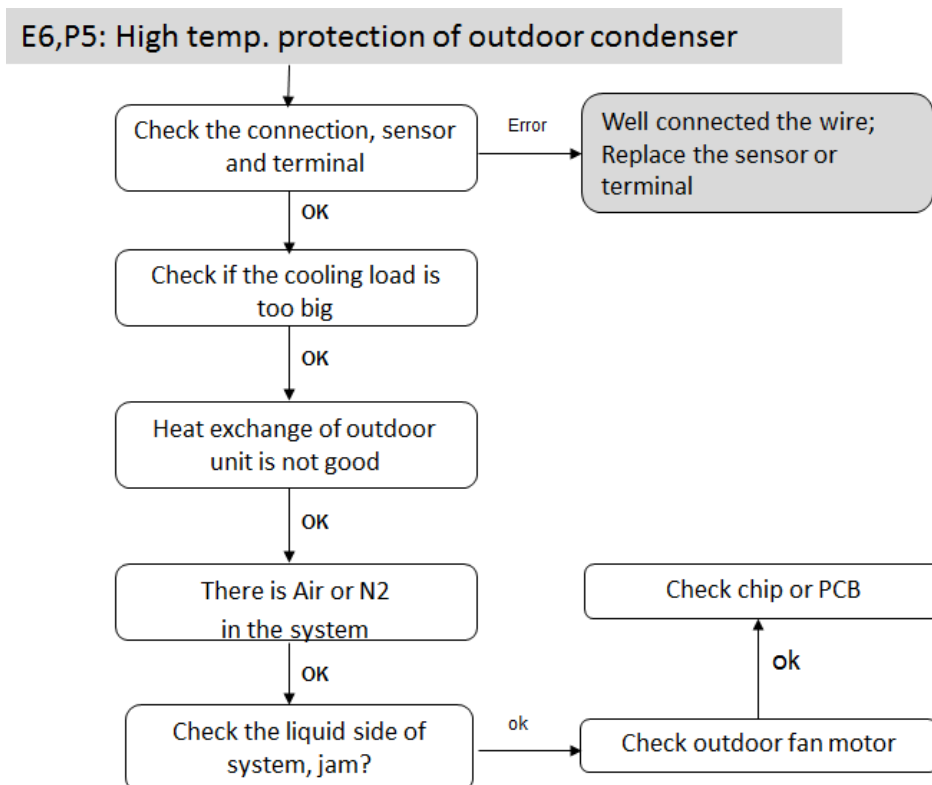
5.3 E2: Communication fault between indoor unit and outdoor unit



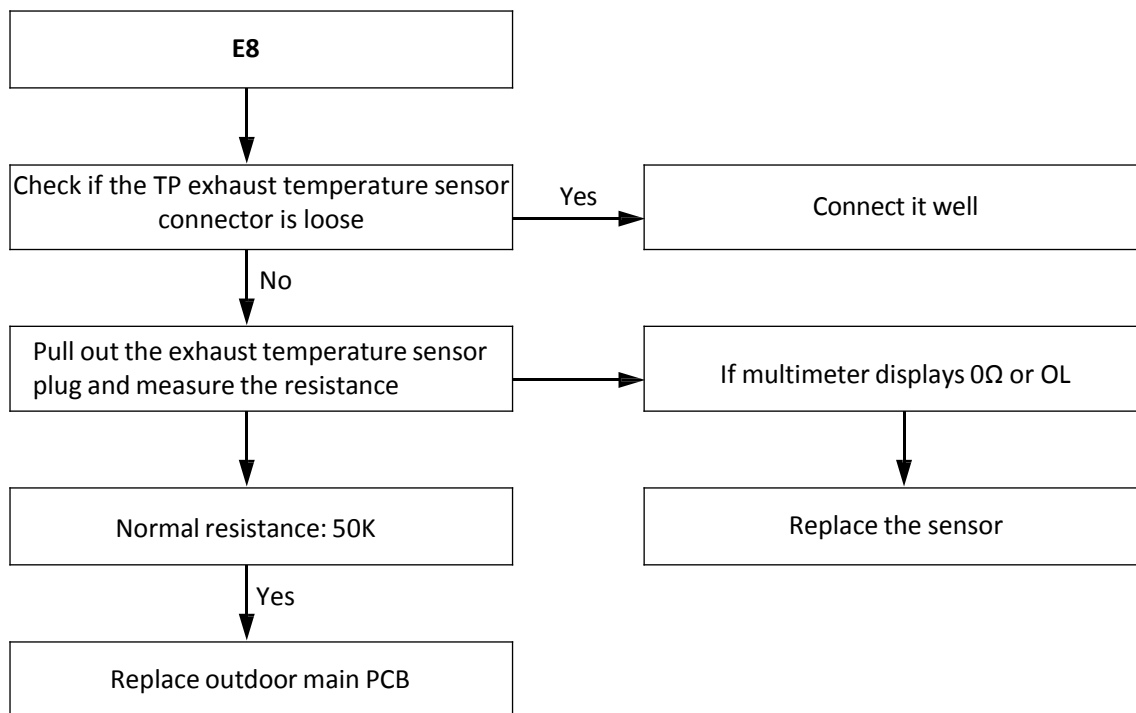
5.4 E4: T4 outdoor ambient temperature sensor fault



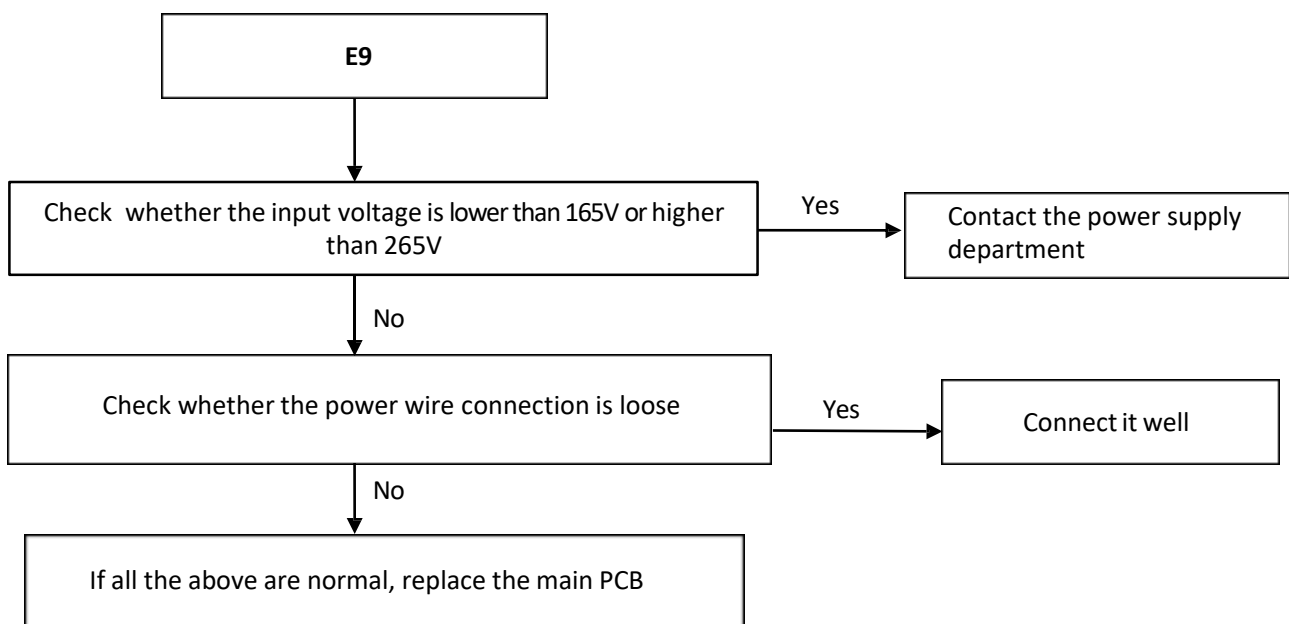
5.5 E6: T3 Condenser pipe temperature sensor fault (outlet)



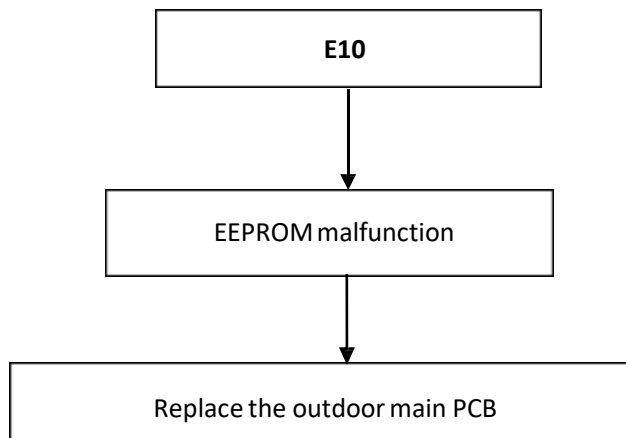
5.6 E8: TP Exhaust temperature sensor fault



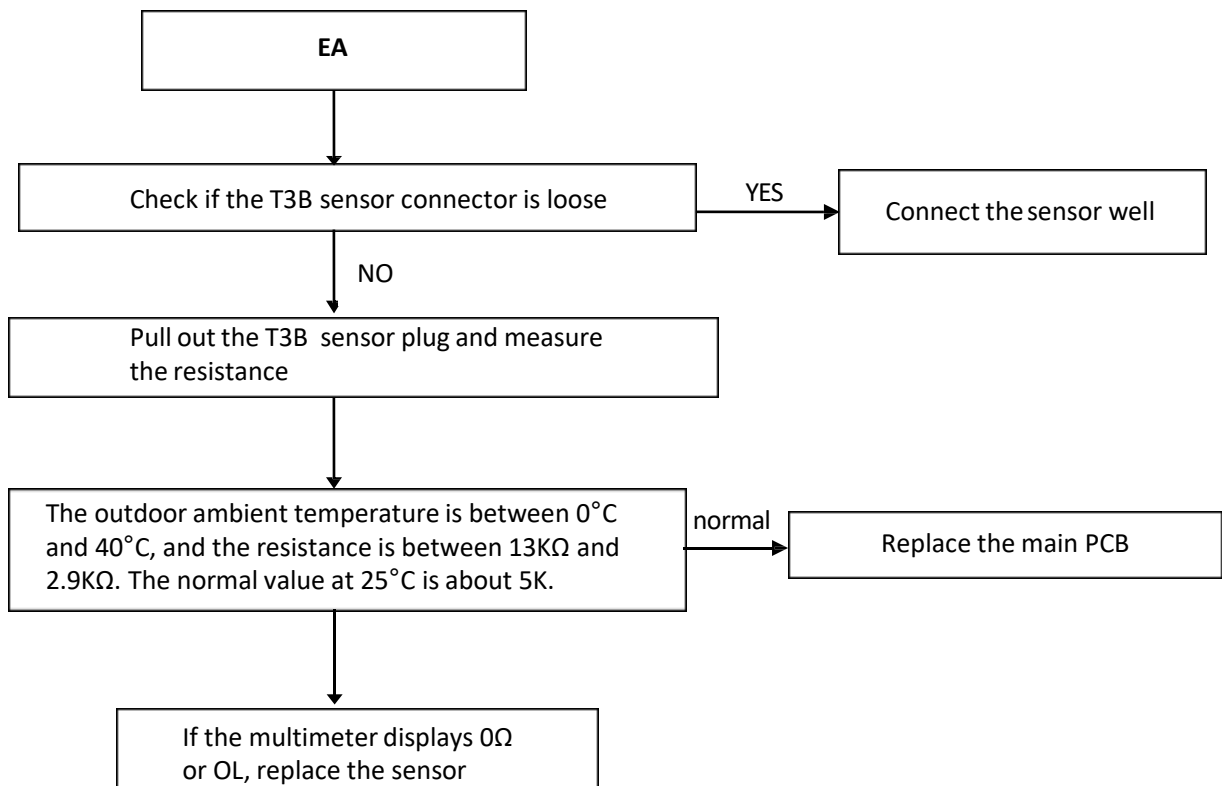
5.7 E9: AC over-voltage / under-voltage protection



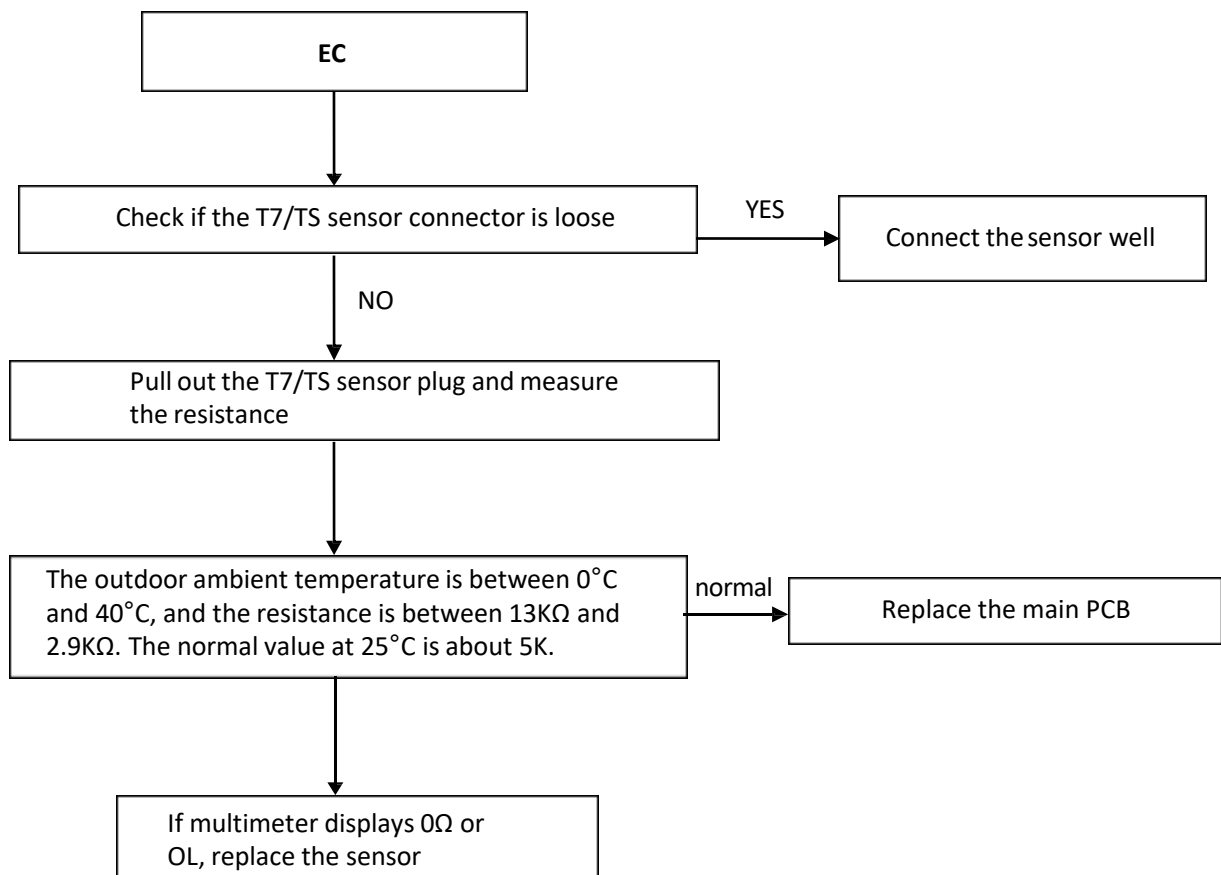
5.8 E10: EEPROMfault



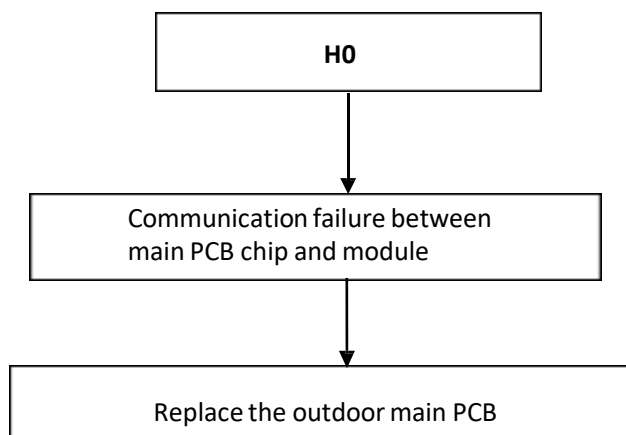
5.9 EA: T3B condenser temperature sensor fault (middle)



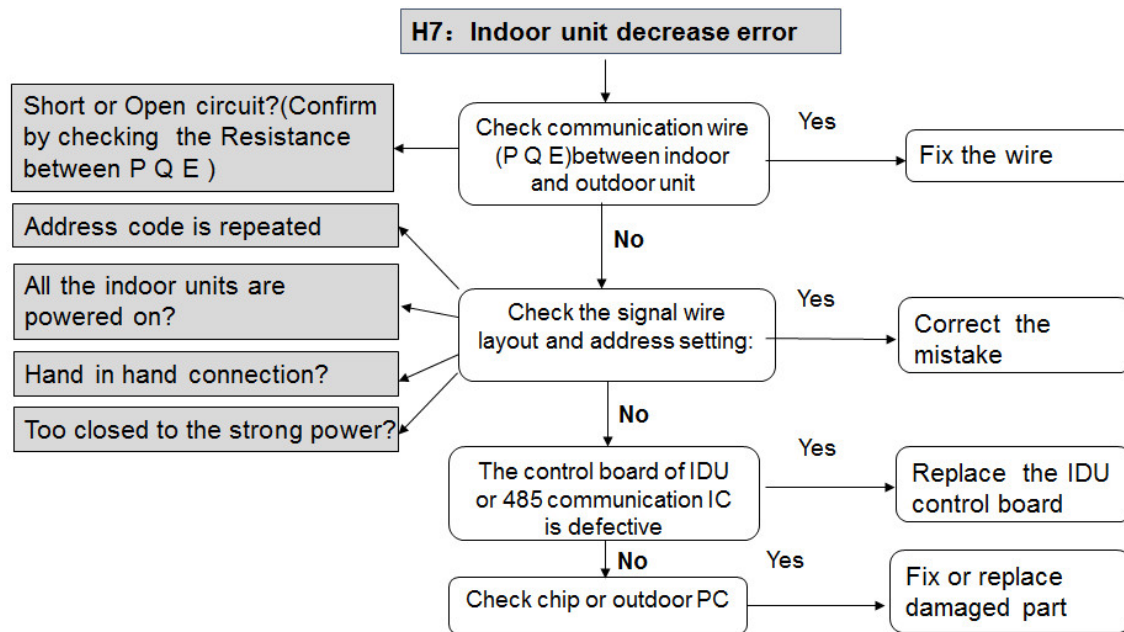
5.10 EC: T7/TS refrigerant cooling pipe inlet temperature sensor fault



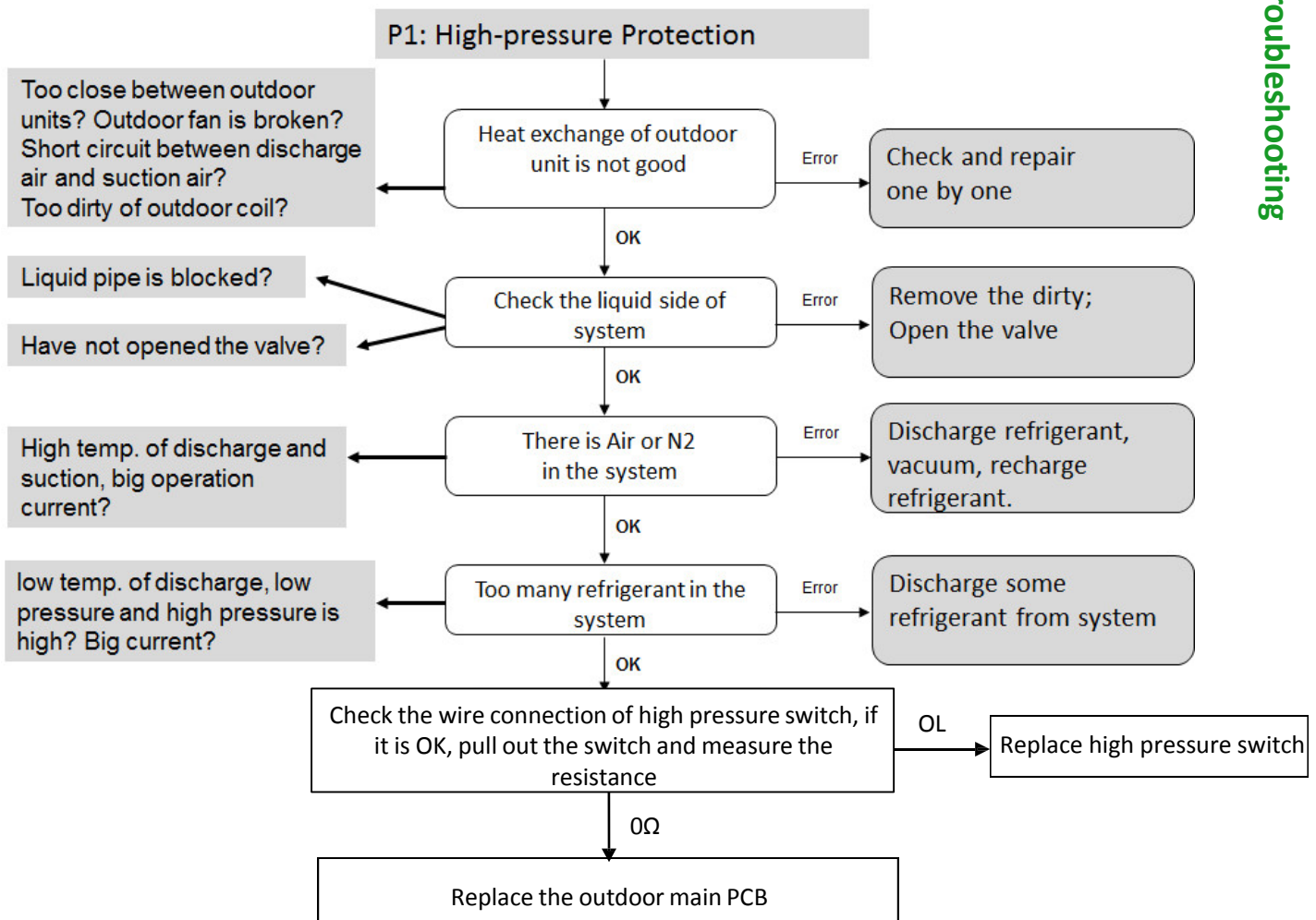
5.11 H0: Communication fault between master chip and DSP



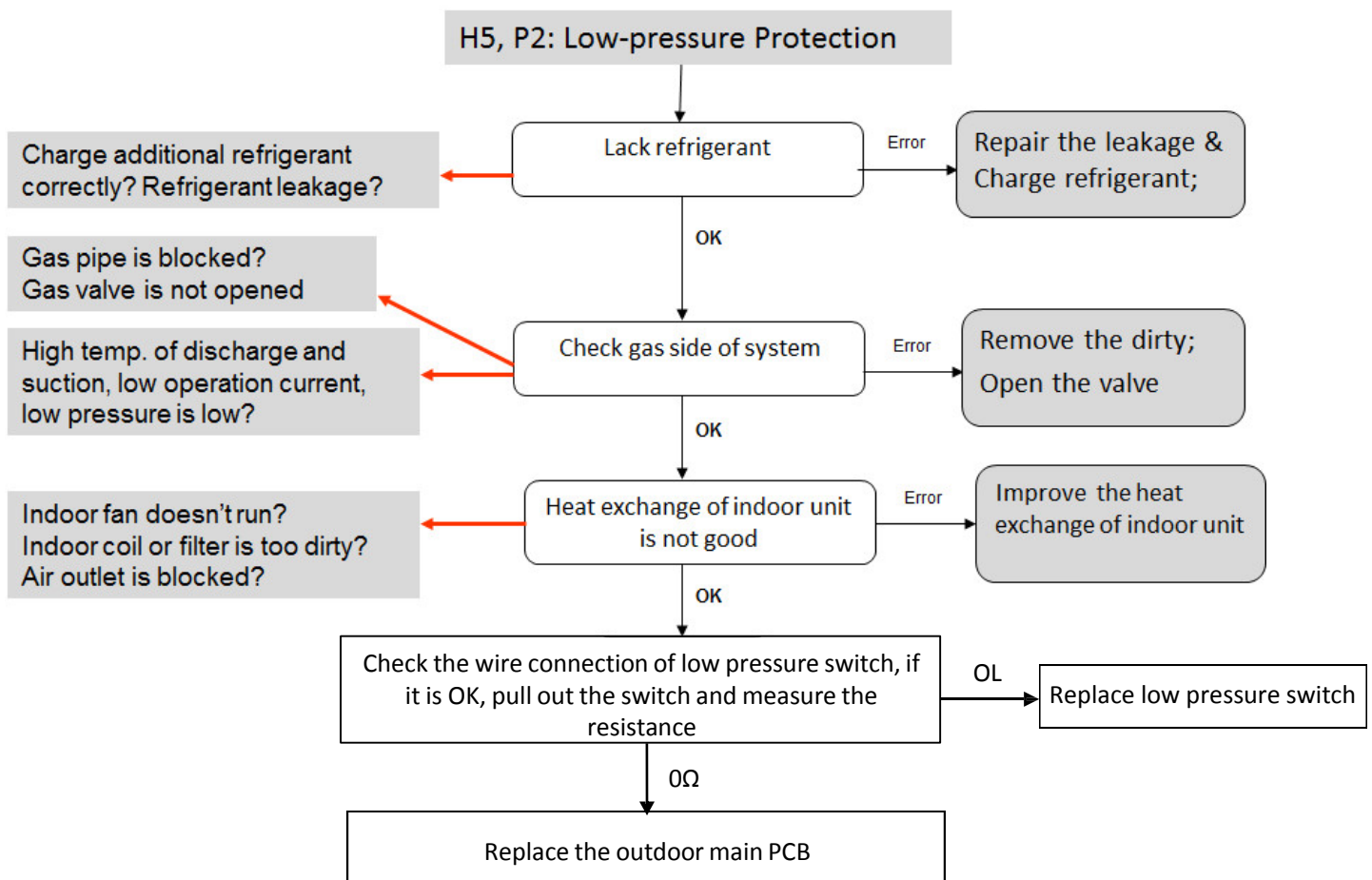
5.12 H7: The decrease in quantity of indoor unit



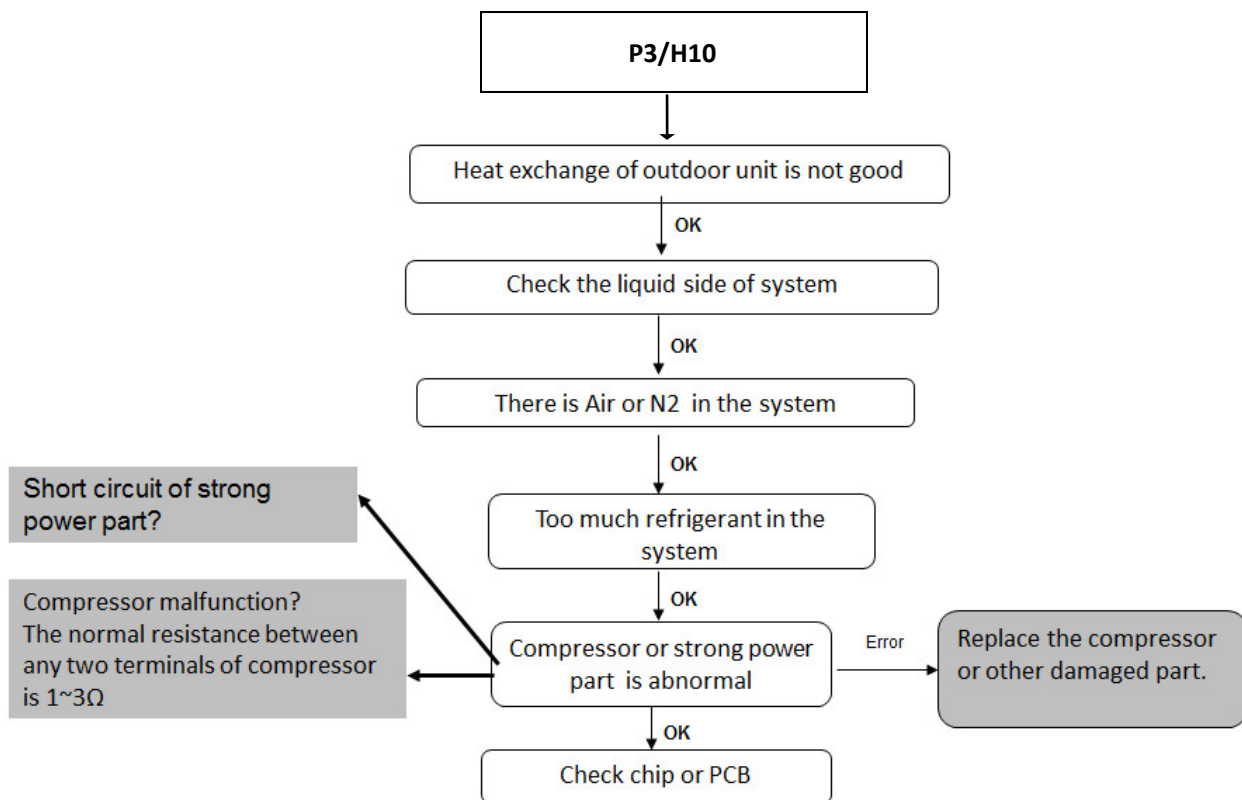
5.13 P1: High pressure protection



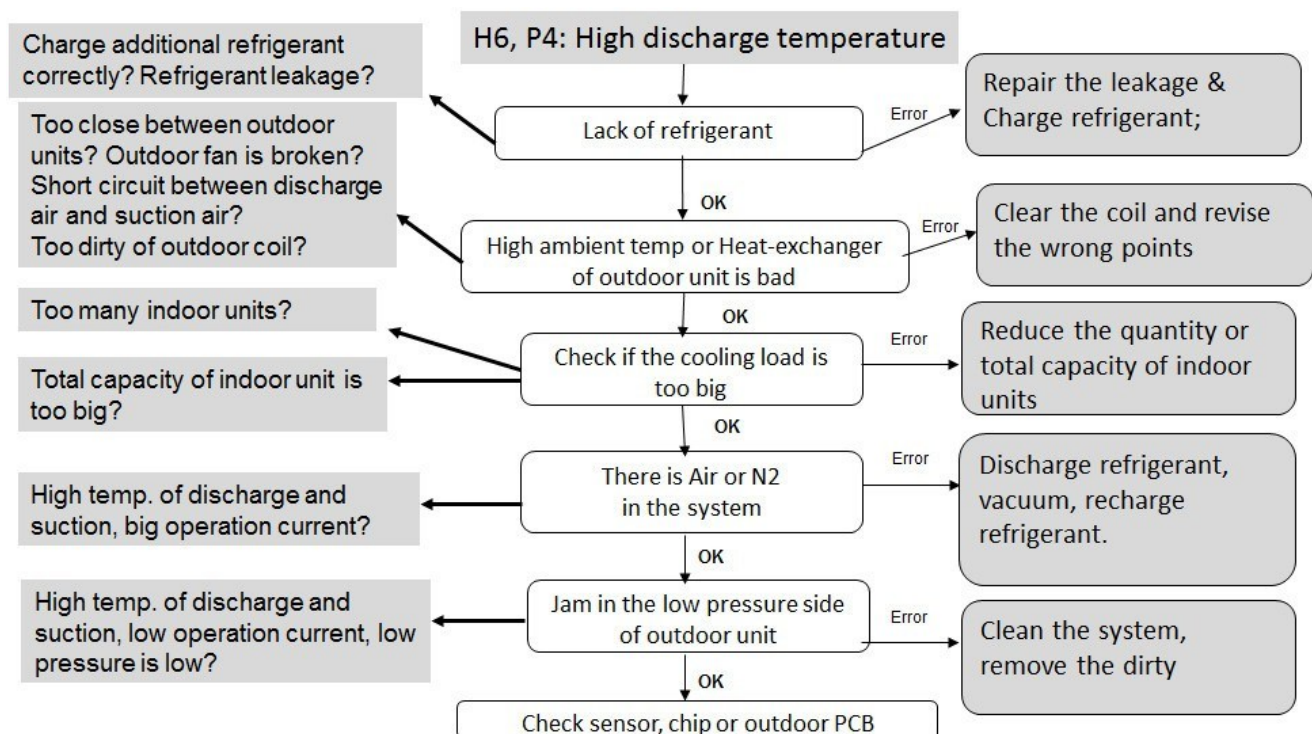
5.14 P2/H5: Low pressure protection



5.15 P3/H10: Over current protection

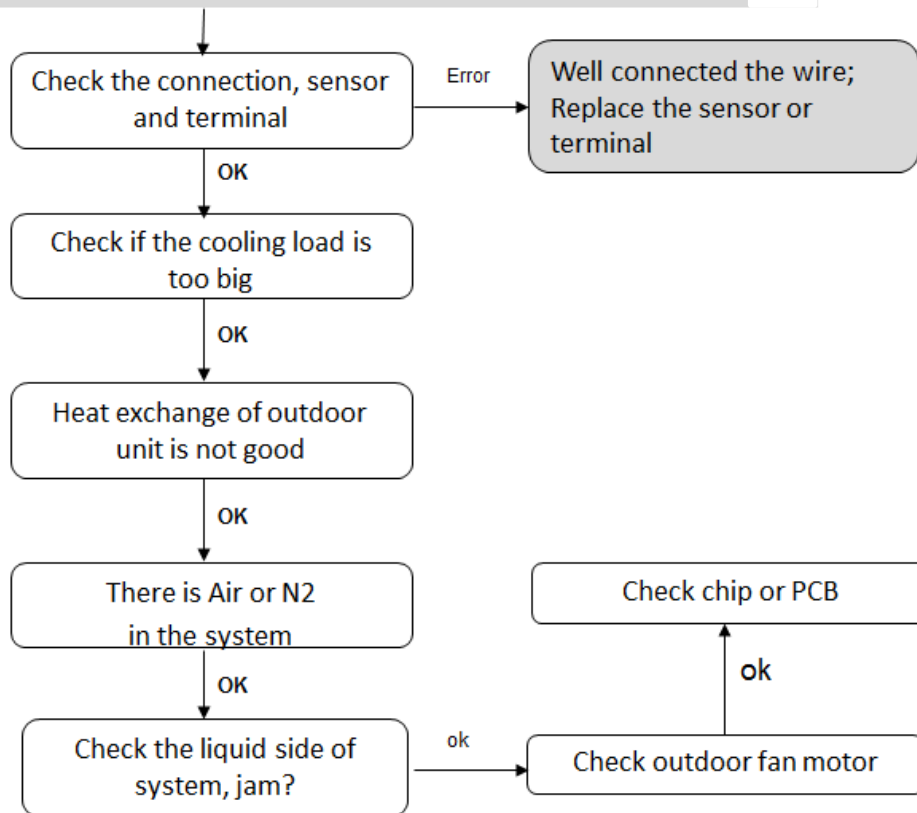


5.16 P4/H6: Exhaust overheating protection



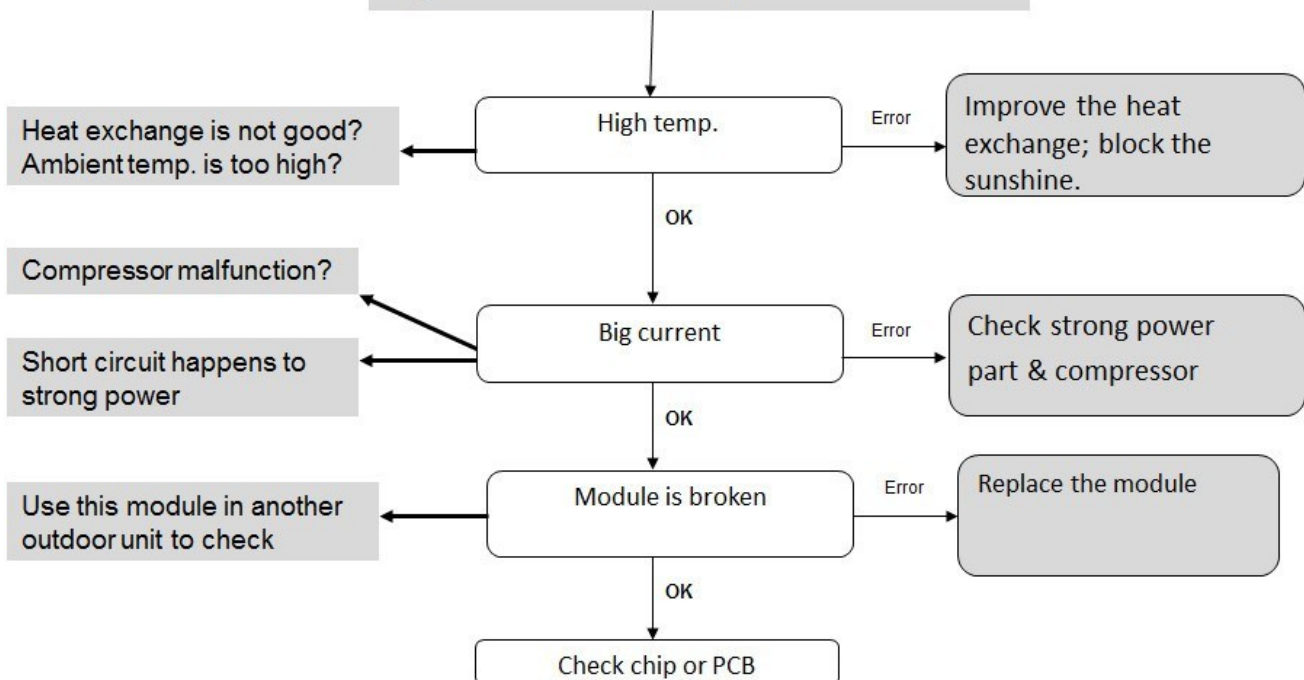
5.17 P5: T3 or T3B condenser pipe overheating protection

P5: High temp. protection of outdoor condenser

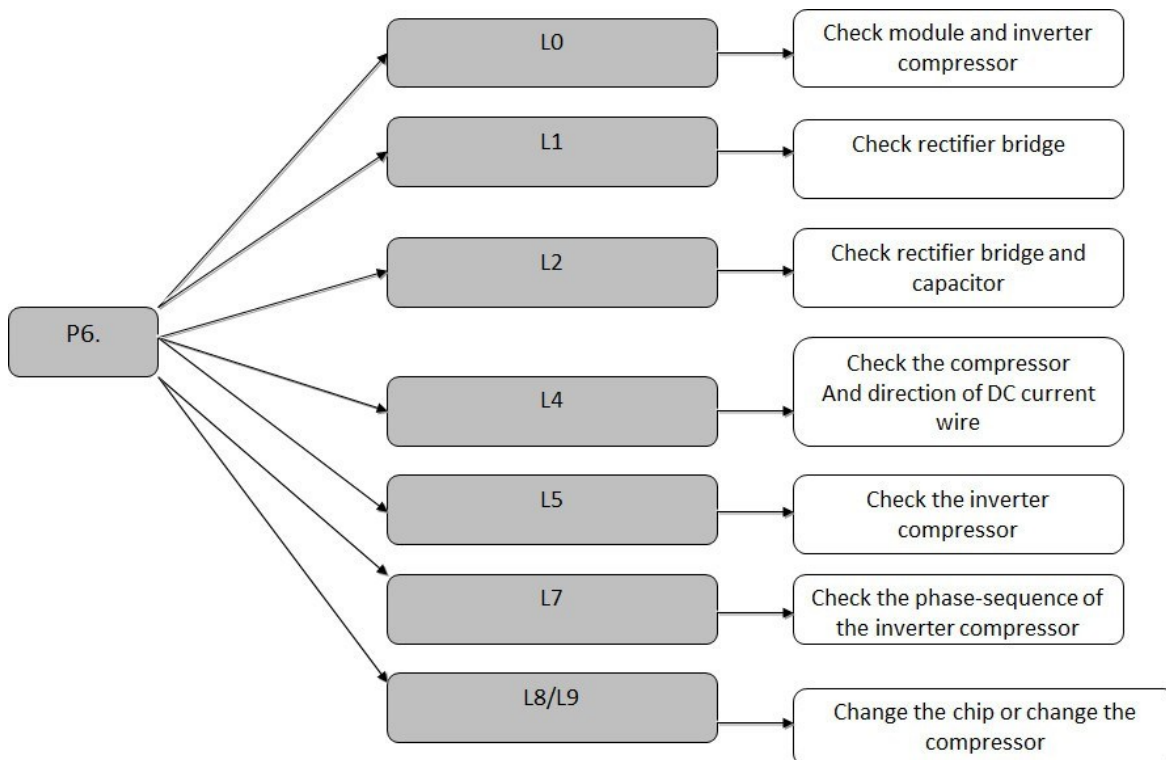


5.18 P6/H4/Pb/H12: IPM protection

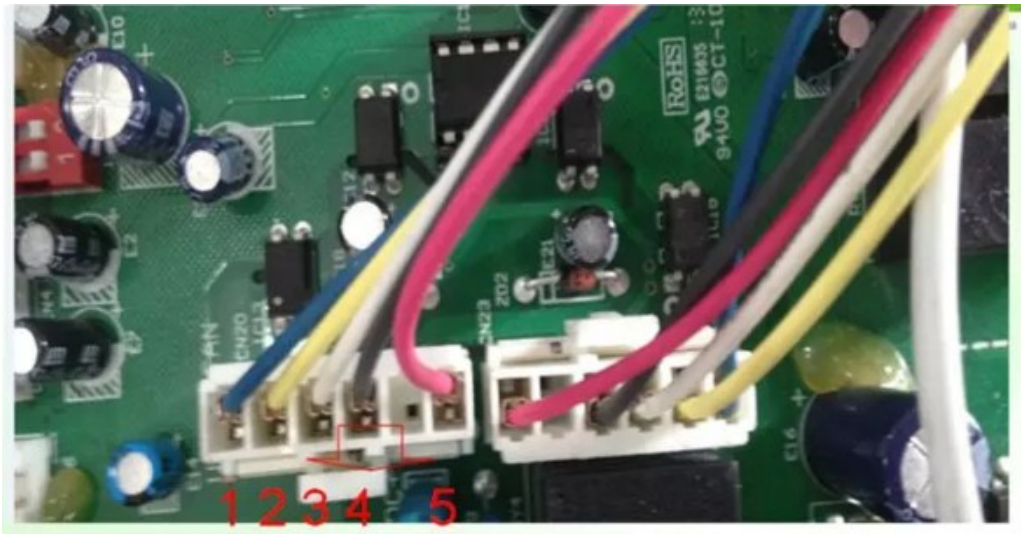
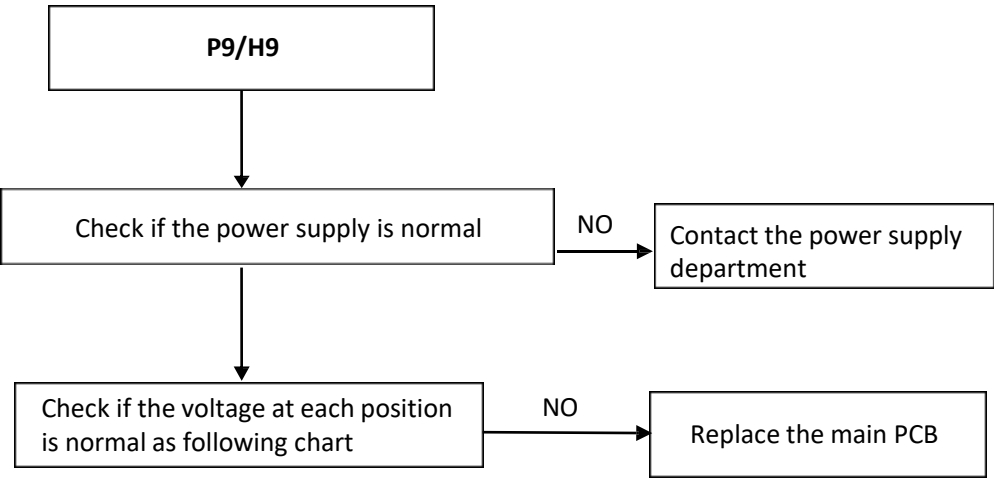
H4, P6: Inverter module protection



Code	Malfunction or protection	Remark
L0	Inverter compressor malfunction	After P6 displays for 60s, these L error codes will display.
L1	DC low voltage protection	
L2	DC high voltage protection	
L4	MCE malfunction/simultaneously/cycle loop	
L5	Zero speed protection	
L7	Compressor lack of phase protection	
L8	Speed difference $\geq 15\text{Hz}$ protection between the front and the back time	
L9	Speed difference $\geq 15\text{Hz}$ protection between the real and the setting speed	



5.19 P9/H9: DC fan protection



No.	Name	Remark
1	Blue: FG	12/revolution
2	Yellow: Vsp	OFF: 0V; ON: DC 0-6.5V
3	White: Vcc	DC 15V
4	Black: GND	
5	Red: Vm	DC 380V/310V

5.20 P10: Anti-typhoon protection

(1) Enter this condition:

- a) The fan has stopped output for several minutes;
- b) The current speed detected by the fan is ≥ 400 rpm.

(2) Exit this condition:

- a) After several minutes of anti-typhoon protection;
- b) The fan detects the current speed < 400 rpm.

In order to prevent the software from controlling the fan to stop, the fan continues to rotate due to external force or electronic control internal signal interference. At this time, if the outdoor unit has no external force to rotate, it can be determined that it is an outdoor main PCB problem.

5.21 P11: T2 high temperature protection when heating

(1) How it works:

- a) When T2 average $\geq 63^{\circ}\text{C}$ for a period of time, stop the compressor and display error code P11 for at least 50s;
- b) When T2 $< 50^{\circ}\text{C}$, the protection is released. The compressor's three-minute delay protection is effective.

(2) Effect:

Prevent the four-way valve from being powered down and not recovering, jamming, or inserting the wrong end of the four-way valve.

(3) Solution:

When checking the cooling, the four-way valve coil is still energized. If yes, please check if there is any problem with the coil wiring. If not, proceed to the next step.

Check if the four-way valve is normal or not, and if the valve body is stuck.

5.22 P13/H11: Current detection error protection

Primary side current detection abnormal protection: 3 to 5 minutes after the compressor starts, if the primary side current $< 1\text{A}$, the current transformer fault (P13) is displayed, the compressor stops automatically for a period of time, and it appears three times in 30 minutes. the electricity is not recoverable and the H11 is displayed.

Check whether the power cable passes through the current transformer, and use a clamp meter to measure whether the circuit current is normal. If the current is normal, the current transformer is broken, replace the main PCB.